FTP and Technical Documentation

FTP Instructions

Files are located on the EPA FTP website (ftp.epa.gov). They can be FTPed directly using the following information:

1. **Host name**: ftp.epa.gov
2. **User ID**: anonymous
3. **Password**: your email address
4. **Subdirectory:** /rcrainfodata/rcra_flatfiles

Handler Module Flat File Information

HBASIC.DAT,
HCERTIFICATION.DAT,
HHANDLER2.DAT,
HNAICS.DAT,
HOTHER_PERMIT2.DAT,
HOWNER_OPERATOR2.DAT,
HPREVIOUS_ID.DAT,
HREPORT_UNIV.DAT,
HSTATE_ACTIVITY.DAT,
HUNIVERSAL_WASTE.DAT,
HUNIVERSE_DETAIL.DAT,
HWASTE_CODE.DAT,
LU_COUNTRY.DAT,
LU_COUNTY.DAT,
LU_GENERATOR_STATUS2.DAT,
LU_NAICS.DAT,
LU_OTHER_PERMIT.DAT,
LU_STATE_ACTIVITY.DAT,
LU_UNIVERSAL_WASTE.DAT,
LU_WASTE_CODE.DAT

Flat File Specification
(H) Handler Module

HBASIC

File Name: HBASIC.DAT

Primary Key for HBASIC:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12

Data Elements for HBASIC:

No.	Pos.	Data Element Name	Type	Size
2	13	EPA Facility Identification Code	Alphanumeric	12
3	25	Handler Name	Alphanumeric	40
4	65	Region	Alphanumeric	2
5	67	State	Alphanumeric	2

HCERTIFICATION

File Name: HCERTIFICATION.DAT

Primary Key for HCERTIFICATION:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Certification Sequence Number	Integer	8

Data Elements for HCERTIFICATION:

No.	Pos.	Data Element Name	Type	Size
6	30	Certification Signed Date	Date: YYYYMMDD	8
7	38	Certification Title	Alphanumeric	45
8	83	Certification First Name	Alphanumeric	15
9	98	Certification Middle Initial	Alphanumeric	1
10	99	Certification Last Name	Alphanumeric	15

HHANDLER2

File Name: HHANDLER2.DAT

Primary Key for HHANDLER2:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6

Data Elements for HHANDLER2:

No.	Pos.	Data Element Name	Type	Size
5	22	Receive Date	Date: YYYYMMDD	8
6	30	Site Name	Alphanumeric	40
7	70	Non-Notifier	Alphanumeric	1
8	71	Number of Employees	Integer	9
9	80	Include in National Report	Alphanumeric	1
10	81	CDX Transaction ID	Alphanumeric	20
11	101	Location Street Number	Alphanumeric	12
12	113	Location Street 1	Alphanumeric	30
13	143	Location Street 2	Alphanumeric	30
14	173	Location City	Alphanumeric	25
15	198	Location State	Alphanumeric	2
16	200	Location ZIP Code	Alphanumeric	14
17	214	Land Type	Alphanumeric	1
18	215	State District	Alphanumeric	10
19	225	Mailing Street Number	Alphanumeric	12
20	237	Mailing Street 1	Alphanumeric	30
21	267	Mailing Street 2	Alphanumeric	30
22	297	Mailing City	Alphanumeric	25
23	322	Mailing State	Alphanumeric	2
24	324	Mailing ZIP Code	Alphanumeric	14
25	338	Mailing Country	Alphanumeric	2
26	340	Contact First Name	Alphanumeric	15
27	355	Contact Middle Initial	Alphanumeric	1
28	356	Contact Last Name	Alphanumeric	15
29	371	Contact Street 1	Alphanumeric	30
30	401	Contact Street 2	Alphanumeric	30

31	431	Contact City	Alphanumeric	25
32	456	Contact State	Alphanumeric	2
33	458	Contact ZIP Code	Alphanumeric	14
34	472	Contact Country	Alphanumeric	2
35	474	Contact Phone	Alphanumeric	15
36	489	Contact Phone Extension	Alphanumeric	6
37	495	Contact Email Address	Alphanumeric	50
38	545	Permit Contact First Name	Alphanumeric	15
39	560	Permit Contact Middle Initial	Alphanumeric	1
40	561	Permit Contact Last Name	Alphanumeric	15
41	576	Permit Contact Street 1	Alphanumeric	30
42	606	Permit Contact Street 2	Alphanumeric	30
43	636	Permit Contact City	Alphanumeric	25
44	661	Permit Contact State	Alphanumeric	2
45	663	Permit Contact Zip Code	Alphanumeric	14
46	677	Permit Contact Country	Alphanumeric	2
47	679	Permit Contact Phone	Alphanumeric	15
48	694	Permit Contact Phone Extension	Alphanumeric	6
49	700	Permit Contact Email Address	Alphanumeric	50
50	750	Acknowledge Date	Date: YYYYMMDD	8
51	758	Acknowledge Flag	Alphanumeric	1
52	759	Geometric Type Code	Alphanumeric	3
53	762	Horizontal Accuracy Measure	Alphanumeric	6
54	768	Horizontal Collection Method	Alphanumeric	3
55	771	Horizontal Reference Datum	Alphanumeric	3
56	774	Latitude Measure	Integer	11
57	785	Longitude Measure	Integer	12
58	797	Reference Point Code	Alphanumeric	3
59	800	Source Map Scale Numbers	Integer	10
60	810	Importer Activity	Alphanumeric	1
61	811	Mixed Waste Generator	Alphanumeric	1
62	812	Recycler Activity	Alphanumeric	1
63	813	Transporter Activity	Alphanumeric	1
64	814	TSD Activity	Alphanumeric	1
65	815	Underground Injection Activity	Alphanumeric	1
66	816	Universal Waste Destination Facility	Alphanumeric	1
67	817	Transfer Facility	Alphanumeric	1
68	818	Onsite Burner Exemption	Alphanumeric	1
69	819	Furnace Exemption	Alphanumeric	1
70	820	Used Oil Fuel Burner	Alphanumeric	1
71	821	Used Oil Processor	Alphanumeric	1
72	822	Used Oil Refiner	Alphanumeric	1
73	823	Used Oil Fuel Marketer to Burner	Alphanumeric	1
74	824	Specification Used Oil Marketer	Alphanumeric	1

75	825	Used Oil Transfer Facility	Alphanumeric	1
76	826	Used Oil Transporter	Alphanumeric	1
77	827	Other/Secondary Identification Number	Alphanumeric	12
78	839	TSD Date	Date: YYYYMMDD	8
79	847	Off-Site Waste Receipt	Alphanumeric	1
80	848	Accessibility	Alphanumeric	1
81	849	Reporting Cycle Year	Integer	4
82	853	County Code Owner	Alphanumeric	2
83	855	County Code	Alphanumeric	5
84	860	Federal Waste Generator Owner	Alphanumeric	2
85	862	Federal Waste Generator Code	Alphanumeric	1
86	863	State Waste Generator Owner	Alphanumeric	2
87	865	State Waste Generator Code	Alphanumeric	1
88	866	Contact Street Number	Alphanumeric	12
89	878	Permit Contact Street Number	Alphanumeric	12

HNAICS

File Name: HNAICS.DAT

Primary Key for HNAICS:

No.	Pos.	Data Element Name	Type	Size
1	1	NAICS Sequence Number	Integer	4
2	5	Handler Sequence Number	Integer	6
3	11	Activity Location	Alphanumeric	2
4	13	EPA Handler ID	Alphanumeric	12
5	25	Source Type	Alphanumeric	1

Data Elements for HNAICS:

No.	Pos.	Data Element Name	Type	Size
6	26	NAICS Code Owner	Alphanumeric	2
7	28	NAICS Code	Alphanumeric	6

HOTHER_PERMIT2

File Name: HOTHER_PERMIT2.DAT

Primary Key for HOTHER_PERMIT2:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Other Permit Type Owner	Alphanumeric	2

Data Elements for HOTHER_PERMIT2:

No.	Pos.	Data Element Name	Type	Size
6	24	Other Permit Type	Alphanumeric	1
7	25	Other Permit Number	Alphanumeric	13
8	38	Other Permit Description	Alphanumeric	20

HOWNER_OPERATOR2

File Name: HOWNER_OPERATOR2.DAT

Primary Key for HOWNER_OPERATOR2:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Owner/Operator Sequence Number	Integer	4

Data Elements for HOWNER_OPERATOR2:

No.	Pos.	Data Element Name	Type	Size
6	26	Owner/Operator Indicator	Alphanumeric	2
7	28	Owner/Operator Name	Alphanumeric	40
8	68	Owner/Operator Type	Alphanumeric	1
9	69	Date Became Current	Date: YYYYMMDD	8
10	77	Date Ended Current	Date: YYYYMMDD	8
11	85	Owner/Operator Street 1	Alphanumeric	30
12	115	Owner/Operator Street 2	Alphanumeric	30
13	145	Owner/Operator City	Alphanumeric	25
14	170	Owner/Operator State	Alphanumeric	2
15	172	Owner/Operator Country	Alphanumeric	2
16	174	Owner/Operator ZIP Code	Alphanumeric	14
17	188	Owner/Operator Phone	Alphanumeric	15
18	203	Dunn and Bradstreet Number	Alphanumeric	10
19	213	Owner/Operator Street Number	Alphanumeric	12

HPREVIOUS_ID

File Name: HPREVIOUS_ID.DAT

Primary Key for HPREVIOUS_ID

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Previous EPA Handler ID	Alphanumeric	12

HREPORT_UNIV

File Name: HREPORT_UNIV.DAT

Primary Key for HREPORT_UNIV:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2

Data Elements for HREPORT_UNIV:

No.	Pos.	Data Element Name	Type	Size
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Receive Date	Date: YYYYMMDD	8
6	30	Extract Flag	Alphanumeric	1
7	31	Handler Name	Alphanumeric	40
8	71	Region	Alphanumeric	2
9	73	State Postal Code	Alphanumeric	2
10	75	Other/Previous Site Name	Alphanumeric	40
11	115	State District	Alphanumeric	10
12	125	Non-Notifier	Alphanumeric	1
13	126	Latitude	Integer	11
14	137	Longitude	Integer	12
15	149	Accessibility	Alphanumeric	1
16	150	Other/Secondary Identification Number	Alphanumeric	12
17	162	Reporting Cycle Year	Integer	4
18	166	In CM&E Universes	Alphanumeric	1
19	167	Full Enforcement Universe	Alphanumeric	5
20	172	Operating TSDF Universe	Alphanumeric	5
21	177	SNC Universe	Alphanumeric	1
22	178	BOYSNC Universe	Alphanumeric	1
23	179	GPRA Operating Permit Baseline Universe	Alphanumeric	1
24	180	GPRA Post-Closure Baseline Universe	Alphanumeric	1
25	181	GPRA Corrective Action Baseline Universe	Alphanumeric	1
26	182	Annual Beginning of Year Enforcement Universe	Alphanumeric	1
27	183	Permit Progress Universe	Alphanumeric	5
28	188	Permit Workload Universe	Alphanumeric	5

29	193	Closure Workload Universe	Alphanumeric	5
30	198	Post-Closure Workload Universe	Alphanumeric	5
31	203	Subject to Corrective Action Universe	Alphanumeric	1
32	204	TSDFs Potentially Subject to Corrective Action Under 3004 (u)/(v) Universe	Alphanumeric	1
33	205	TSDFs Only Subject to Corrective Action Under Discretionary Authorities Universe	Alphanumeric	1
34	206	Non TSDFs Where Corrective Action Has Been Imposed Universe	Alphanumeric	1
35	207	Corrective Action Workload Universe	Alphanumeric	1
36	208	In Handler Universes	Alphanumeric	1
37	209	Generator Status Universe	Alphanumeric	3
38	212	Transporter Activity	Alphanumeric	1
39	213	Universal Waste	Alphanumeric	1
40	214	Recycler Activity	Alphanumeric	1
41	215	Used Oil Universe	Alphanumeric	7
42	222	Importer Activity	Alphanumeric	1
43	223	Mixed Waste Generator	Alphanumeric	1
44	224	Onsite Burner Exemption	Alphanumeric	1
45	225	Furnace Exemption	Alphanumeric	1
46	226	Underground Injection Activity	Alphanumeric	1
47	227	NAICS Code 1	Alphanumeric	6
48	233	NAICS Code 2	Alphanumeric	6
49	239	NAICS Code 3	Alphanumeric	6
50	245	NAICS Code 4	Alphanumeric	6
51	251	Owner Type	Alphanumeric	1
52	252	Owner Name	Alphanumeric	40
53	292	Operator Type	Alphanumeric	1
54	293	Operator Name	Alphanumeric	40
55	333	Location Street Number	Alphanumeric	12
56	345	Location Street 1	Alphanumeric	30
57	375	Location Street 2	Alphanumeric	30
58	405	Location City	Alphanumeric	25
59	430	Location State	Alphanumeric	2
60	432	Location ZIP Code	Alphanumeric	14
61	446	Location County Code	Alphanumeric	5
62	451	Location County Name	Alphanumeric	27
63	478	Mailing Street Number	Alphanumeric	12
64	490	Mailing Street 1	Alphanumeric	30
65	520	Mailing Street 2	Alphanumeric	30
66	550	Mailing City	Alphanumeric	25
67	575	Mailing State	Alphanumeric	2
68	577	Mailing ZIP Code	Alphanumeric	14
69	591	Mailing Country	Alphanumeric	2
70	593	Contact Name	Alphanumeric	33

71	626	Contact Street 1	Alphanumeric	30
72	656	Contact Street 2	Alphanumeric	30
73	686	Contact City	Alphanumeric	25
74	711	Contact State	Alphanumeric	2
75	713	Contact ZIP Code	Alphanumeric	14
76	727	Contact Country	Alphanumeric	2
77	729	Contact Phone and Phone Extension	Alphanumeric	22
78	751	HHANDLER2 Date of Last Change	Date: YYYYMMDD	8
79	759	Owner Sequence Number	Integer	6
80	765	Operator Sequence Number	Integer	6
81	771	Number of Owners	Integer	4
82	775	Number of Operators	Integer	4
83	779	Owner Operator Hierarchy	Alphanumeric	2
84	781	In a Universe	Alphanumeric	1
85	782	Mixed Source	Alphanumeric	1
86	783	Mixed Source Type	Alphanumeric	1
87	784	Mixed Sequence Number	Integer	6
88	790	Federal Waste Generator Owner	Alphanumeric	2
89	792	Federal Waste Generator Code	Alphanumeric	1
90	793	State Waste Generator Owner	Alphanumeric	2
91	795	State Waste Generator Code	Alphanumeric	1

HSTATE_ACTIVITY

File Name: HSTATE_ACTIVITY.DAT

Primary Key for HSTATE_ACTIVITY:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	State Activity Type Owner	Alphanumeric	2
6	24	State Activity Type	Alphanumeric	5

HUNIVERSAL_WASTE

File Name: HUNIVERSAL_WASTE.DAT

Primary Key for HUNIVERSAL_WASTE:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Universal Waste Type Owner	Alphanumeric	2
6	24	Universal Waste Type	Alphanumeric	1

Data Elements for HUNIVERSAL_WASTE

No.	Pos.	Data Element Name	Type	Size
7	25	Accumulated	Alphanumeric	1
8	26	Generated	Alphanumeric	1

HUNIVERSE_DETAIL

File Name: HUNIVERSE_DETAIL.DAT

Primary Key for HUNIVERSE_DETAIL:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2

Data Elements for HUNIVERSE_DETAIL:

No.	Pos.	Data Element Name	Type	Size
3	15	Post-Closure Workload Land Disposal	Alphanumeric	1
4	16	Post-Closure Workload Incinerator	Alphanumeric	1
5	17	Post-Closure Workload Boilers and Industrial Furnaces	Alphanumeric	1
6	18	Post-Closure Workload Storage	Alphanumeric	1
7	19	Post-Closure Workload Treatment	Alphanumeric	1
8	20	Permit Progress Land Disposal	Alphanumeric	1
9	21	Permit Progress Incinerator	Alphanumeric	1
10	22	Permit Progress Boilers and Industrial Furnaces	Alphanumeric	1
11	23	Permit Progress Storage	Alphanumeric	1
12	24	Permit Progress Treatment	Alphanumeric	1
13	25	Closure Workload Land Disposal	Alphanumeric	1
14	26	Closure Workload Incinerator	Alphanumeric	1
15	27	Closure Workload Boilers and Industrial Furnaces	Alphanumeric	1
16	28	Closure Workload Storage	Alphanumeric	1
17	29	Closure Workload Treatment	Alphanumeric	1
18	30	Permit Workload Land Disposal	Alphanumeric	1
19	31	Permit Workload Incinerator	Alphanumeric	1
20	32	Permit Workload Boilers and Industrial Furnaces	Alphanumeric	1
21	33	Permit Workload Storage	Alphanumeric	1
22	34	Permit Workload Treatment	Alphanumeric	1
23	35	Full Enforcement Land Disposal	Alphanumeric	1
24	36	Full Enforcement Incinerator	Alphanumeric	1
25	37	Full Enforcement Boilers and Industrial Furnaces	Alphanumeric	1
26	38	Full Enforcement Storage	Alphanumeric	1

27	39	Full Enforcement Treatment	Alphanumeric	1
28	40	Operating TSDF Land Disposal	Alphanumeric	1
29	41	Operating TSDF Incinerator	Alphanumeric	1
30	42	Operating TSDF Boilers and Industrial Furnaces	Alphanumeric	1
31	43	Operating TSDF Storage	Alphanumeric	1
32	44	Operating TSDF Treatment	Alphanumeric	1
33	45	Used Oil Transporter	Alphanumeric	1
34	46	Used Oil Transfer Facility	Alphanumeric	1
35	47	Used Oil Processor	Alphanumeric	1
36	48	Used Oil Refiner	Alphanumeric	1
37	49	Used Oil Burner	Alphanumeric	1
38	50	Used Oil Market Burner	Alphanumeric	1
39	51	Used Oil Specification Marketer	Alphanumeric	1

HWASTE_CODE

File Name: HWASTE_CODE.DAT

Primary Key for HWASTE_CODE:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Waste Code Owner	Alphanumeric	2
6	24	Waste Code	Alphanumeric	6

LU_COUNTRY

File Name: LU_COUNTRY.DAT

Primary Key for LU_COUNTRY:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Country Code	Alphanumeric	2

Data Elements for LU_COUNTRY:

No.	Pos.	Data Element Name	Type	Size
3	5	Country Name	Alphanumeric	100
4	105	Country Code Active Status	Alphanumeric	1

LU_COUNTY

File Name: LU_COUNTY.DAT

Primary Key for LU_COUNTY:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	County Code	Alphanumeric	5

Data Elements for LU_COUNTY:

No.	Pos.	Data Element Name	Type	Size
3	8	County Name	Alphanumeric	27
4	35	County Code Active Status	Alphanumeric	1

LU_GENERATOR_STATUS2

File Name: LU_GENERATOR_STATUS2.DAT

Primary Key for LU_GENERATOR_STATUS2:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Waste Generator Status Code	Alphanumeric	1

Data Elements for LU_GENERATOR_STATUS2:

No.	Pos.	Data Element Name	Type	Size
3	4	Waste Generator Status Code Usage	Alphanumeric	1
4	5	Waste Generator Status Code Active Status	Alphanumeric	1
5	6	Waste Generator Status Description	Alphanumeric	100
6	106	Help Notes	Alphanumeric	100

LU_NAICS

File Name: LU_NAICS.DAT

Primary Key for LU_NAICS:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	North American Industry Classification System (NAICS) Code	Alphanumeric	6

Data Elements for LU_NAICS:

No.	Pos.	Data Element Name	Type	Size
3	9	NAICS Code Usage	Integer	1
4	10	NAICS Code Active Status	Alphanumeric	1
5	11	NAICS Code Description	Alphanumeric	100
6	111	Help Notes	Alphanumeric	100

LU_OTHER_PERMIT

File Name: LU_OTHER_PERMIT.DAT

Primary Key for LU_OTHER_PERMIT:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Other Permit Type	Alphanumeric	1

Data Elements for LU_OTHER_PERMIT:

No.	Pos.	Data Element Name	Type	Size
3	4	Other Permit Type Usage	Alphanumeric	1
4	5	Other Permit Type Active Status	Alphanumeric	1
5	6	Other Permit Description	Alphanumeric	50
6	56	Help Notes	Alphanumeric	100

LU_STATE_ACTIVITY

File Name: LU_STATE_ACTIVITY.DAT

Primary Key for LU_STATE_ACTIVITY:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	State Activity Type	Alphanumeric	5

Data Elements for LU_STATE_ACTIVITY:

No.	Pos.	Data Element Name	Type	Size
3	8	State Activity Type Usage	Alphanumeric	1
4	9	State Activity Type Active Status	Alphanumeric	1
5	10	State Activity Description	Alphanumeric	100
6	110	Help Notes	Alphanumeric	100

LU_UNIVERSAL_WASTE

File Name: LU_UNIVERSAL_WASTE.DAT

Primary Key for LU_UNIVERSAL_WASTE:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Universal Waste Type	Alphanumeric	1

Data Elements for LU_UNIVERSAL_WASTE:

No.	Pos.	Data Element Name	Type	Size
3	4	Universal Waste Type Usage	Alphanumeric	1
4	5	Universal Waste Type Active Status	Alphanumeric	1
5	6	Universal Waste Description	Alphanumeric	80
6	86	Help Notes	Alphanumeric	100

LU_WASTE_CODE

File Name: LU_WASTE_CODE.DAT

Primary Key for LU_WASTE_CODE:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Hazardous Waste Code	Alphanumeric	6

Data Elements for LU_WASTE_CODE:

No.	Pos.	Data Element Name	Type	Size
3	9	Hazardous Waste Code Type	Alphanumeric	1
4	10	Hazardous Waste Code Description	Alphanumeric	100
5	110	Hazardous Waste Code Usage	Alphanumeric	1
6	111	Hazardous Waste Code Active Status	Alphanumeric	1
7	112	Help Notes	Alphanumeric	100
8	212	Biennial Report Load Active Status	Alphanumeric	1

HBASIC

File Name: HBASIC.DAT

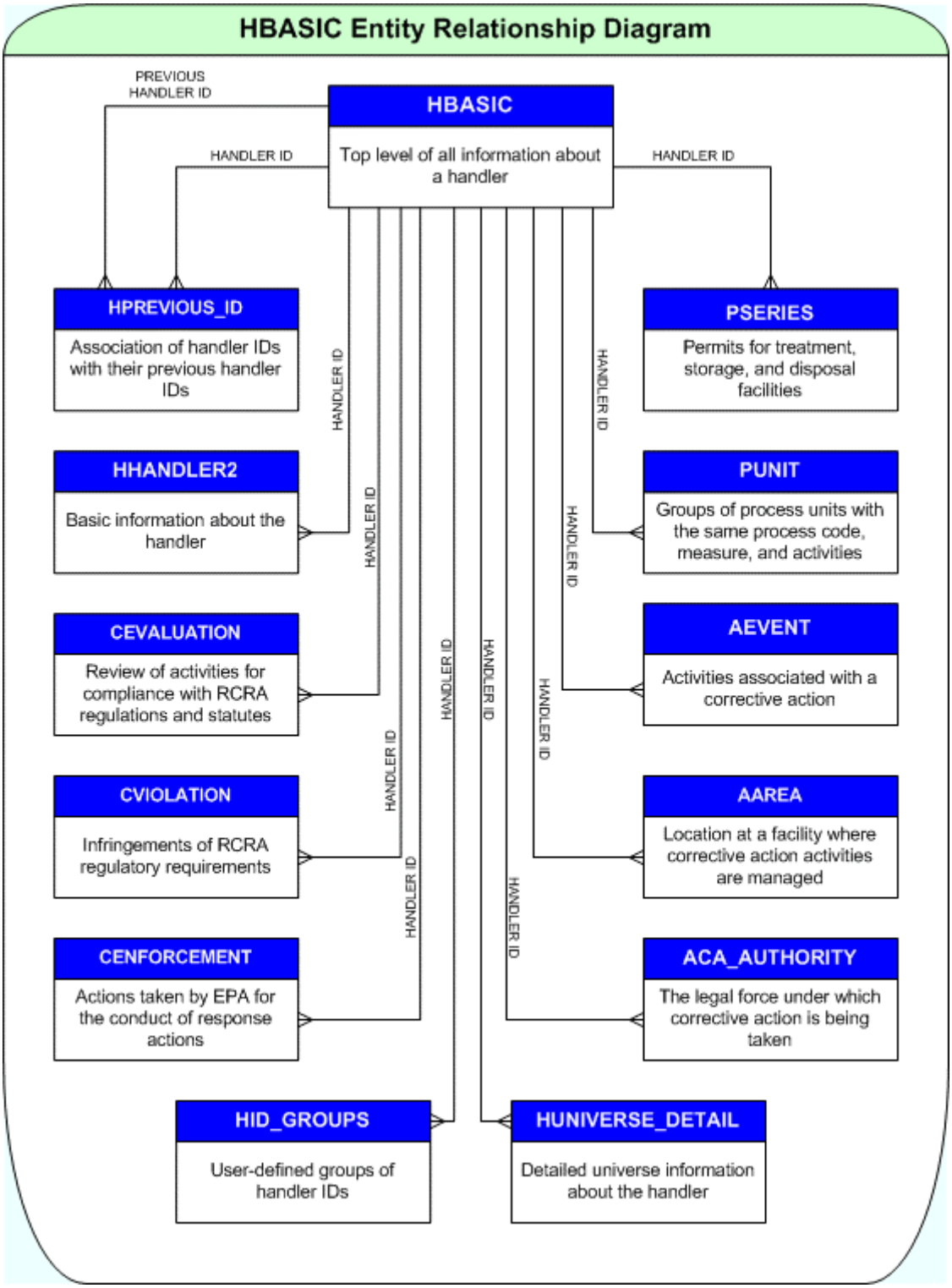
Primary Key for HBASIC:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12

Data Elements for HBASIC:

No.	Pos.	Data Element Name	Type	Size
2	13	EPA Facility Identification Code	Alphanumeric	12
3	25	Handler Name	Alphanumeric	40
4	65	Region	Alphanumeric	2
5	67	State	Alphanumeric	2

Entity Relationship Diagram



EPA Handler ID

Table: HBASIC

Data Element Name:	EPA Handler ID
Description:	Unique RCRA identification number assigned by the implementing State or Region to each RCRA site (e.g., generators, transporters, and treatment, storage, disposal facilities).
Format:	CHAR(12)
Allowed Values:	Valid ID as outlined below, or value entered for the Other/Secondary ID Number column (HHANDLER2 table) if left blank. The ID can be a minimum of 4 characters and a maximum of 12 characters. The first two characters must be a valid state postal code which corresponds to the state in which the handler is located. Spaces are not allowed.

EPA Facility Identification Code

Table: HBASIC

Data Element Name:	EPA Facility Identification Code
Description:	Computer generated primary facility-level key in the EPA FINDS data system used as an identifier to cross-reference entities regulated under different environmental programs. The Agency Facility Identification Data Standard (FIDS) requires that program offices store this key in their data systems.
Format:	VARCHAR2(12)
Allowed Values:	N/A

Handler Name

Table: HBASIC

Data Element Name:	Handler Name
Description:	The official or legal name of the handler.
Format:	VARCHAR2(40)
Allowed Values:	N/A

Region

Table: HBASIC

Data Element Name:	Region
Description:	The two-digit code for the region in which the handler is located.
Format:	CHAR(2)
Allowed Values:	01 - 10

State

Table: HBASIC

Data Element Name:	State
Description:	State postal code for state in which handler is located.
Format:	CHAR(2)
Allowed Values:	State postal code

HCERTIFICATION

File Name: HCERTIFICATION.DAT

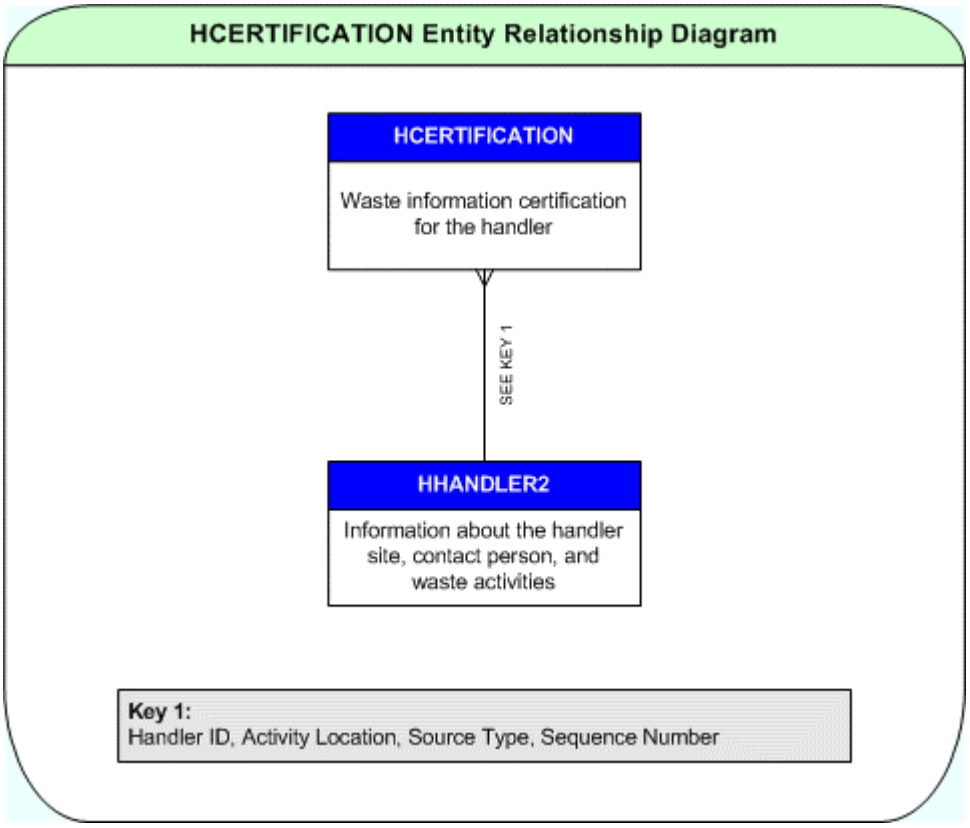
Primary Key for HCERTIFICATION:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Certification Sequence Number	Integer	8

Data Elements for HCERTIFICATION:

No.	Pos.	Data Element Name	Type	Size
6	30	Certification Signed Date	Date: YYYYMMDD	8
7	38	Certification Title	Alphanumeric	45
8	83	Certification First Name	Alphanumeric	15
9	98	Certification Middle Initial	Alphanumeric	1
10	99	Certification Last Name	Alphanumeric	15

Entity Relationship Diagram



EPA Handler ID

Table: HCERTIFICATION

Data Element Name: EPA Handler ID
Description: Foreign key to EPA Handler ID in HHANDLER2.

Activity Location

Table: HCERTIFICATION

Data Element Name: Activity Location
Description: Foreign key to Activity Location in HHANDLER2.

Source Type

Table: HCERTIFICATION

Data Element Name: Source Type
Description: Foreign key to Source Type in HHANDLER2.

Handler Sequence Number

Table: HCERTIFICATION

Data Element Name: Handler Sequence Number
Description: Foreign key to Handler Sequence Number in HHANDLER2.

Certification Sequence Number

Table: HCERTIFICATION

Data Element Name: Certification Sequence Number
Description: Sequence number for each certification for the handler.
Format: NUMBER(8)
Allowed Values: 1 - 99999999

Certification Signed Date

Table: HCERTIFICATION

Data Element Name:	Certification Signed Date
Description:	Date on which the handler information was certified by the reporting site.
Format:	DATE
Allowed Values:	Valid date

Certification Title

Table: HCERTIFICATION

Data Element Name:	Certification Title
Description:	Title of the person who certified the handler information reported to the authorizing agency.
Format:	VARCHAR2(45)
Allowed Values:	N/A

Certification First Name

Table: HCERTIFICATION

Data Element Name:	Certification First Name
Description:	First name of the person who certified the handler information reported to the authorizing agency.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Certification Middle Initial

Table: HCERTIFICATION

Data Element Name:	Certification Middle Initial
Description:	Middle initial of the person who certified the handler information reported to the authorizing agency.
Format:	CHAR(1)
Allowed Values:	N/A

Certification Last Name

Table: HCERTIFICATION

Data Element Name:	Certification Last Name
Description:	Last name of the person who certified the handler information reported to the authorizing agency.
Format:	VARCHAR2(15)
Allowed Values:	N/A

HHANDLER2

File Name: HHANDLER2.DAT

Primary Key for HHANDLER2:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6

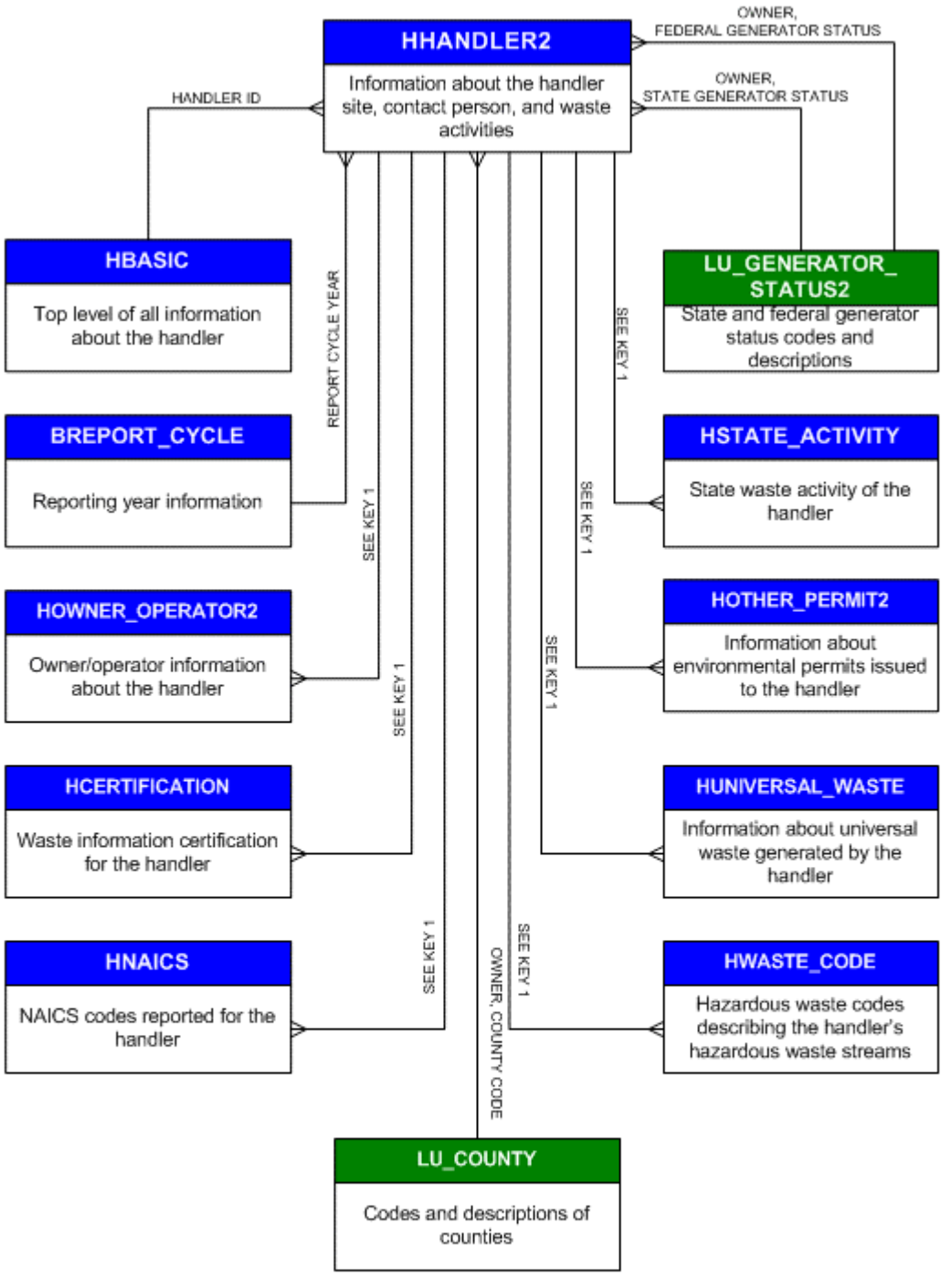
Data Elements for HHANDLER2:

No.	Pos.	Data Element Name	Type	Size
5	22	Receive Date	Date: YYYYMMDD	8
6	30	Site Name	Alphanumeric	40
7	70	Non-Notifier	Alphanumeric	1
8	71	Number of Employees	Integer	9
9	80	Include in National Report	Alphanumeric	1
10	81	CDX Transaction ID	Alphanumeric	20
11	101	Location Street Number	Alphanumeric	12
12	113	Location Street 1	Alphanumeric	30
13	143	Location Street 2	Alphanumeric	30
14	173	Location City	Alphanumeric	25
15	198	Location State	Alphanumeric	2
16	200	Location ZIP Code	Alphanumeric	14
17	214	Land Type	Alphanumeric	1
18	215	State District	Alphanumeric	10
19	225	Mailing Street Number	Alphanumeric	12
20	237	Mailing Street 1	Alphanumeric	30
21	267	Mailing Street 2	Alphanumeric	30
22	297	Mailing City	Alphanumeric	25
23	322	Mailing State	Alphanumeric	2
24	324	Mailing ZIP Code	Alphanumeric	14
25	338	Mailing Country	Alphanumeric	2

26	340	Contact First Name	Alphanumeric	15
27	355	Contact Middle Initial	Alphanumeric	1
28	356	Contact Last Name	Alphanumeric	15
29	371	Contact Street 1	Alphanumeric	30
30	401	Contact Street 2	Alphanumeric	30
31	431	Contact City	Alphanumeric	25
32	456	Contact State	Alphanumeric	2
33	458	Contact ZIP Code	Alphanumeric	14
34	472	Contact Country	Alphanumeric	2
35	474	Contact Phone	Alphanumeric	15
36	489	Contact Phone Extension	Alphanumeric	6
37	495	Contact Email Address	Alphanumeric	50
38	545	Permit Contact First Name	Alphanumeric	15
39	560	Permit Contact Middle Initial	Alphanumeric	1
40	561	Permit Contact Last Name	Alphanumeric	15
41	576	Permit Contact Street 1	Alphanumeric	30
42	606	Permit Contact Street 2	Alphanumeric	30
43	636	Permit Contact City	Alphanumeric	25
44	661	Permit Contact State	Alphanumeric	2
45	663	Permit Contact Zip Code	Alphanumeric	14
46	677	Permit Contact Country	Alphanumeric	2
47	679	Permit Contact Phone	Alphanumeric	15
48	694	Permit Contact Phone Extension	Alphanumeric	6
49	700	Permit Contact Email Address	Alphanumeric	50
50	750	Acknowledge Date	Date: YYYYMMDD	8
51	758	Acknowledge Flag	Alphanumeric	1
52	759	Geometric Type Code	Alphanumeric	3
53	762	Horizontal Accuracy Measure	Alphanumeric	6
54	768	Horizontal Collection Method	Alphanumeric	3
55	771	Horizontal Reference Datum	Alphanumeric	3
56	774	Latitude Measure	Integer	11
57	785	Longitude Measure	Integer	12
58	797	Reference Point Code	Alphanumeric	3
59	800	Source Map Scale Numbers	Integer	10
60	810	Importer Activity	Alphanumeric	1
61	811	Mixed Waste Generator	Alphanumeric	1
62	812	Recycler Activity	Alphanumeric	1
63	813	Transporter Activity	Alphanumeric	1
64	814	TSD Activity	Alphanumeric	1
65	815	Underground Injection Activity	Alphanumeric	1
66	816	Universal Waste Destination Facility	Alphanumeric	1
67	817	Transfer Facility	Alphanumeric	1
68	818	Onsite Burner Exemption	Alphanumeric	1
69	819	Furnace Exemption	Alphanumeric	1

70	820	Used Oil Fuel Burner	Alphanumeric	1
71	821	Used Oil Processor	Alphanumeric	1
72	822	Used Oil Refiner	Alphanumeric	1
73	823	Used Oil Fuel Marketer to Burner	Alphanumeric	1
74	824	Specification Used Oil Marketer	Alphanumeric	1
75	825	Used Oil Transfer Facility	Alphanumeric	1
76	826	Used Oil Transporter	Alphanumeric	1
77	827	Other/Secondary Identification Number	Alphanumeric	12
78	839	TSD Date	Date: YYYYMMDD	8
79	847	Off-Site Waste Receipt	Alphanumeric	1
80	848	Accessibility	Alphanumeric	1
81	849	Reporting Cycle Year	Integer	4
82	853	County Code Owner	Alphanumeric	2
83	855	County Code	Alphanumeric	5
84	860	Federal Waste Generator Owner	Alphanumeric	2
85	862	Federal Waste Generator Code	Alphanumeric	1
86	863	State Waste Generator Owner	Alphanumeric	2
87	865	State Waste Generator Code	Alphanumeric	1
88	866	Contact Street Number	Alphanumeric	12
89	878	Permit Contact Street Number	Alphanumeric	12

HHANDLER2 Entity Relationship Diagram



EPA Handler ID

Table: HHANDLER2

Data Element Name:	EPA Handler ID
Description:	Foreign key to EPA Handler ID in HBASIC.

Activity Location

Table: HHANDLER2

Data Element Name:	Activity Location
Description:	Indicates the location of the agency regulating the handler.
Format:	CHAR(2)
Allowed Values:	State postal code

Source Type

Table: HHANDLER2

Data Element Name:	Source Type
Description:	Code indicating the source of information for the associated data (activity, wastes, etc.).
Format:	CHAR(1)
Allowed Values:	**N** - Notification **A** - Part A **I** - Implementer **R** - Annual/Biennial Report **B** - Annual/Biennial Report updated with Notification **E** - Emergency* **T** - Temporary *Indicates that the site is regulated as the result of a waste generation situation that was unforeseen, uncontrollable and short-term, and not expected to exceed 30 days.

Handler Sequence Number

Table: HHANDLER2

Data Element Name:	Handler Sequence Number
Description:	Sequence number for each source record about a handler.
Format:	NUMBER(6)
Allowed Values:	1 - 999999

Receive Date

Table: HHANDLER2

Data Element Name:	Receive Date
Description:	Date that the form (indicated by the associated Source) was received from the handler by the appropriate authority.
Format:	DATE
Allowed Values:	Valid date

Site Name

Table: HHANDLER2

Data Element Name:	Site Name
Description:	The legal name of the site.
Format:	VARCHAR2(40)
Allowed Values:	N/A

Non-Notifier

Table: HHANDLER2

Data Element Name:	Non-Notifier
Description:	Flag indicating that the handler has been identified through a source other than Notification and is suspected of conducting RCRA-regulated activities without proper authority.
Format:	CHAR(1)
Allowed Values:	**E** - Initially a non-notifier, subsequently determined to be exempt from requirements to notify. **O** - Former non-notifier **X** - Non-notifier blank - Not a non-notifier

Number of Employees

Table: HHANDLER2

Data Element Name:	Number of Employees
Description:	The number of people actively on the payroll at the site on a permanent or semi-permanent basis.
Format:	NUMBER(9)
Allowed Values:	1 - 999999999

Include In National Report

Table: HHANDLER2

Data Element Name:	Include In National Report
Description:	Flag indicating that the facility should be included in the National Biennial RCRA Hazardous Waste Report.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No

CDX Transaction ID

Table: HHANDLER2

Data Element Name:	CDX Transaction ID
Description:	Number assigned to the Site ID Form submitted via the CDX system.
Format:	VARCHAR2(20)
Allowed Values:	N/A

Location Street Number

Table: HHANDLER2

Data Element Name:	Location Street Number
Description:	Street number from the physical address of the primary site entrance.
Format:	VARCHAR2(12)
Allowed Values:	N/A

Location Street 1

Table: HHANDLER2

Data Element Name:	Location Street 1
Description:	First line of the street address, route number, or other specific identifier describing the physical address of the primary site entrance.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Location Street 2

Table: HHANDLER2

Data Element Name:	Location Street 2
Description:	Second line of the street address (or the post office box number), route number, or other specific identifier describing the physical address of the primary site entrance.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Location City

Table: HHANDLER2

Data Element Name:	Location City
Description:	Name of the city or town in which the handler is physically located.
Format:	VARCHAR2(25)
Allowed Values:	N/A

Location State

Table: HHANDLER2

Data Element Name:	Location State
Description:	The two-letter postal code for the U.S. State in which the handler is physically located.
Format:	CHAR(2)
Allowed Values:	Valid state postal code

Location ZIP Code

Table: HHANDLER2

Data Element Name:	Location ZIP Code
Description:	The ZIP code in which the handler is physically located.
Format:	VARCHAR2(14)
Allowed Values:	N/A

Land Type

Table: HHANDLER2

Data Element Name:	Land Type
Description:	Code indicating current ownership status of the land on which the facility is located.
Format:	CHAR(1)
Allowed Values:	**P** - Private **C** - County **D** - District **F** - Federal **I** - Indian **M** - Municipal **S** - State **O** - Other land type blank - Facility is not located on Indian land, additional information is not known

State District

Table: HHANDLER2

Data Element Name:	State District
Description:	Code indicating the state-designated legislative district(s) in which the site is located.
Format:	VARCHAR2(10)
Allowed Values:	N/A

Mailing Street Number

Table: HHANDLER2

Data Element Name:	Mailing Street Number
Description:	The street number from the primary business mailing address.
Format:	VARCHAR2(12)
Allowed Values:	N/A

Mailing Street 1

Table: HHANDLER2

Data Element Name:	Mailing Street 1
Description:	First line of the street address (or the post office box number) for primary business mailing purposes.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Mailing Street 2

Table: HHANDLER2

Data Element Name:	Mailing Street 2
Description:	Second line of the street address (or the post office box number) for primary business mailing purposes.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Comments:	Provinces, territories, or other areas without a corresponding data element may also be entered in the Mailing Street 2 field.

Mailing City

Table: HHANDLER2

Data Element Name:	Mailing City
Description:	Name of the city or town of the handler's primary business mailing address.
Format:	VARCHAR2(25)
Allowed Values:	N/A

Mailing State

Table: HHANDLER2

Data Element Name:	Mailing State
Description:	The two-letter postal code for the U.S. state in the primary business mailing address.
Format:	CHAR(2)
Allowed Values:	Valid U.S. state postal code.
Comments:	Provinces, territories, or other areas without a corresponding data element may also be entered in the Mailing Street 2 field. U.S. states are the only valid values for Mailing State.

Mailing Zip Code

Table: HHANDLER2

Data Element Name:	Mailing ZIP Code
Description:	Zip code in the primary business mailing address.
Format:	VARCHAR2(14)
Allowed Values:	N/A

Mailing Country

Table: HHANDLER2

Data Element Name:	Mailing Country
Description:	Country code of the primary business mailing address.
Format:	CHAR(2)
Allowed Values:	Valid country code

Contact First Name

Table: HHANDLER2

Data Element Name:	Contact First Name
Description:	First name of the primary contact person for the site location who should be reasonably expected to be available at all times and fully aware of the regulated activities being performed at the site.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Contact Middle Initial

Table: HHANDLER2

Data Element Name:	Contact Middle Initial
Description:	Middle initial of the primary contact person for the site location who should be reasonably expected to be available at all times and fully aware of the regulated activities being performed at the site.
Format:	CHAR(1)
Allowed Values:	N/A

Contact Last Name

Table: HHANDLER2

Data Element Name:	Contact Last Name
Description:	Last name of the primary contact person for the site location who should be reasonably expected to be available at all times and fully aware of the regulated activities being performed at the site.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Contact Street 1

Table: HHANDLER2

Data Element Name:	Contact Street 1
Description:	First line of the street address (or the post office box number) for the contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Contact Street 2

Table: HHANDLER2

Data Element Name:	Contact Street 2
Description:	Second line (as needed) of the street address for the contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Comments:	Provinces, territories, or other areas without a corresponding data element may also be entered in the CONTACT_STREET2 field.

Contact City

Table: HHANDLER2

Data Element Name:	Contact City
Description:	The city or town of the contact address.
Format:	VARCHAR2(25)
Allowed Values:	N/A

Contact State

Table: HHANDLER2

Data Element Name:	Contact State
Description:	State code of the contact address.
Format:	CHAR(2)
Allowed Values:	Valid state code.
Comments:	Provinces, territories, or other areas without a corresponding data element may be entered in the CONTACT_STREET2 field. U.S. states are the only valid values for CONTACT_STATE.

Contact ZIP Code

Table: HHANDLER2

Data Element Name:	Contact ZIP Code
Description:	Zip code of the contact address.
Format:	VARCHAR2(14)
Allowed Values:	N/A

Contact Country

Table: HHANDLER2

Data Element Name:	Contact Country
Description:	Country code of the contact address.
Format:	CHAR(2)
Allowed Values:	Valid country code

Contact Phone

Table: HHANDLER2

Data Element Name:	Contact Phone
Description:	Telephone number associated with the contact.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Contact Phone Extension

Table: HHANDLER2

Data Element Name:	Contact Phone Extension
Description:	Telephone number extension associated with the contact.
Format:	VARCHAR2(6)
Allowed Values:	N/A

Contact Email Address

Table: HHANDLER2

Data Element Name:	Contact Email Address
Description:	Email address associated with the contact.
Format:	VARCHAR2(50)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 50 characters have been extracted.

Permit Contact First Name

Table: HHANDLER2

Data Element Name:	Permit Contact First Name
Description:	First name of the person who is familiar with the handler's Hazardous Waste Permit information.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Permit Contact Middle Initial

Table: HHANDLER2

Data Element Name:	Permit Contact Middle Initial
Description:	Middle initial of the person who is familiar with the handler's Hazardous Waste Permit information.
Format:	CHAR(1)
Allowed Values:	N/A

Permit Contact Last Name

Table: HHANDLER2

Data Element Name:	Permit Contact Last Name
Description:	Last name of the person who is familiar with the handler's Hazardous Waste Permit information.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Permit Contact Street 1

Table: HHANDLER2

Data Element Name:	Permit Contact Street 1
Description:	First line of the street address (or the post office box number) for the permit contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Permit Contact Street 2

Table: HHANDLER2

Data Element Name:	Permit Contact Street 2
Description:	Second line (as needed) of the street address for the permit contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Comments:	Provinces, territories, or other areas without a corresponding data element may also be entered in the PCONTACT_STREET2 field.

Permit Contact City

Table: HHANDLER2

Data Element Name:	Permit Contact City
Description:	The city or town of the permit contact address.
Format:	VARCHAR2(25)
Allowed Values:	N/A

Permit Contact State

Table: HHANDLER2

Data Element Name:	Permit Contact State
Description:	State code of the permit contact address.
Format:	CHAR(2)
Allowed Values:	Valid state code.
Comments:	Provinces, territories, or other areas without a corresponding data element may be entered in the PCONTACT_STREET2 field. U.S. states are the only valid values for PCONTACT_STATE.

Permit Contact ZIP Code

Table: HHANDLER2

Data Element Name:	Permit Contact ZIP Code
Description:	Zip code of the permit contact address.
Format:	VARCHAR2(14)
Allowed Values:	Valid ZIP code

Permit Contact Country

Table: HHANDLER2

Data Element Name:	Permit Contact Country
Description:	Country code of the permit contact address.
Format:	CHAR(2)
Allowed Values:	Valid country code

Permit Contact Phone

Table: HHANDLER2

Data Element Name:	Permit Contact Phone
Description:	Telephone number associated with the permit contact.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Permit Contact Phone Extension

Table: HHANDLER2

Data Element Name:	Permit Contact Phone Extension
Description:	Telephone number extension associated with the permit contact.
Format:	VARCHAR2(6)
Allowed Values:	N/A

Permit Contact Email Address

Table: HHANDLER2

Data Element Name:	Permit Contact Email Address
Description:	Email address associated with the permit contact.
Format:	VARCHAR2(50)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 50 characters have been extracted.

Acknowledge Date

Table: HHANDLER2

Data Element Name:	Acknowledge Date
Description:	Date information was received for the handler. Date is used in conjunction with Acknowledge Flag for generating an acknowledgment.
Format:	DATE
Allowed Values:	Valid date

Acknowledge Flag

Table: HHANDLER2

Data Element Name:	Acknowledge Flag
Description:	A flag used to mark the handler for having an acknowledgment of receipt sent.
Format:	CHAR(1)
Allowed Values:	N/A

Geometric Type Code

Table: HHANDLER2

Data Element Name:	Geometric Type Code
Description:	The code that represents the geometric entity described by one point or a sequence of latitude and longitude points.
Format:	VARCHAR2(3)
Allowed Values:	001-999 For details on the meanings of specific codes, click here.

Horizontal Accuracy Measure

Table: HHANDLER2

Data Element Name:	Horizontal Accuracy Measure
Description:	The measure of the accuracy (in meters) of the latitude and longitude coordinates.
Format:	VARCHAR2(6)
Allowed Values:	N/A

Horizontal Collection Method

Table: HHANDLER2

Data Element Name:	Horizontal Collection Method
Description:	The code that represents the method used to determine the latitude and longitude coordinates for the site location.
Format:	VARCHAR2(3)
Allowed Values:	N/A

Horizontal Reference Datum

Table: HHANDLER2

Data Element Name:	Horizontal Reference Datum
Description:	The code that represents the reference datum used in determining the latitude and longitude coordinates for the site location.
Format:	VARCHAR2(3)
Allowed Values:	N/A

Latitude Measure

Table: HHANDLER2

Data Element Name:	Latitude Measure
Description:	Latitude of the site location, expressed in GPS (Global Positioning System) format.
Format:	NUMBER(10,6)
Allowed Values:	Valid latitude measure.
Comments:	Valid latitude example: 69.288268

Longitude Measure

Table: HHANDLER2

Data Element Name:	Longitude Measure
Description:	Longitude of the site location, expressed in GPS (Global Positioning System) format.
Format:	NUMBER(11,6)
Allowed Values:	Valid longitude measure.
Comments:	Valid longitude example: -147.650167

Reference Point Code

Table: HHANDLER2

Data Element Name:	Reference Point Code
Description:	The code that represents the place for which geographic coordinates were established.
Format:	VARCHAR2(3)
Allowed Values:	N/A

Source Map Scale Numbers

Table: HHANDLER2

Data Element Name:	Source Map Scale Numbers
Description:	Scale of detail on source map used to determine latitude/longitude.
Format:	NUMBER(10)
Allowed Values:	N/A

Importer Activity

Table: HHANDLER2

Data Element Name:	Importer Activity
Description:	Code indicating whether the facility is engaged in importing hazardous waste into the United States from a foreign country. Importers are required to obtain an EPA identification number prior to engaging in import activities.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Mixed Waste Generator

Table: HHANDLER2

Data Element Name:	Mixed Waste Generator
Description:	Code indicating whether the facility is a generator or TSDF that handles waste mixed with nuclear source, special nuclear, or by-product material.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Recycler Activity

Table: HHANDLER2

Data Element Name:	Recycler Activity
Description:	Code indicating whether the site is engaged in the recycling of hazardous waste through activities such as use or reuse as ingredients in industrial processes to make product provided that the materials are not being reclaimed, used or reused as effective substitutes for commercial products, returned to the original process from which they are generated without first being reclaimed.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Transporter Activity

Table: HHANDLER2

Data Element Name:	Transporter Activity
Description:	Code indicating whether the handler is engaged in the off-site transportation of hazardous waste by air, rail, highway, or water.
Format:	VARCHAR2(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

TSD Activity

Table: HHANDLER2

Data Element Name:	TSD Activity
Description:	Code indicating whether the handler is engaged in the treatment, storage, or disposal of hazardous waste.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Underground Injection Activity

Table: HHANDLER2

Data Element Name:	Underground Injection Activity
Description:	Code indicating whether the site is engaged in the management of hazardous wastes by subsurface emplacement of fluids through a bored, drilled, or driven well, or a dug well where the depth of the dug well is greater than its largest surface dimension.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Universal Waste Destination Facility

Table: HHANDLER2

Data Element Name:	Universal Waste Destination Facility
Description:	Code indicating whether the facility is a generator of universal waste or a facility that receives universal waste from other handlers, accumulates universal waste, or sends universal waste to another universal waste handler or facility. This excludes facilities that treat, dispose of, or recycle universal waste, and facilities engaged in the off-site transportation of universal waste.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Transfer Facility

Table: HHANDLER2

Data Element Name:	Transfer Facility
Description:	Code indicating whether the facility is a transportation-related facility that includes loading docks, parking areas, storage areas, or other similar areas where shipments of hazardous waste are held during the normal course of transportation.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Onsite Burner Exemption

Table: HHANDLER2

Data Element Name:	Onsite Burner Exemption
Description:	Code indicating whether the handler qualifies for the Small Quantity Onsite Burner Exemption.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Furnace Exemption

Table: HHANDLER2

Data Element Name:	Furnace Exemption
Description:	Code indicating whether the handler qualifies for the Smelting, Melting, and Refining Furnace Exemption.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Used Oil Fuel Burner

Table: HHANDLER2

Data Element Name:	Used Oil Fuel Burner
Description:	Code indicating whether the facility burns off-specification used oil for energy recovery in devices or processes such as: 1) Industrial furnaces, boilers for facilities engaged in manufacturing processes, 2) Boilers for the production of electric power, stream heated or cooled air or other gases or fluids for sale, 3) Used oil space heaters provided that the used oil originates from the owner/operator or from do-it-yourself used oil generation, or 4) Hazardous waste incineration.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Used Oil Processor

Table: HHANDLER2

Data Element Name:	Used Oil Processor
Description:	Code indicating whether the site processes used oil. Processing means chemical or physical operations that are designed to produce or make amenable for the production of fuels, oils, lubricants, or other oil-derived products through activities such as blending, filtration, separation, and distillation. NOTE: Current regulations make no clear distinction between the "processing" and "refining" activities for used oil.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Used Oil Refiner

Table: HHANDLER2

Data Element Name:	Used Oil Refiner
Description:	Code indicating whether the site processes used oil. Processing means chemical or physical operations that are designed to produce or make amenable for the production of fuel oils, lubricants, or other oil derived products through activities such as blending, filtration, separation, and distillation. NOTE: Current regulations make no clear distinction between the "processing" and "refining" activities for used oil.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Used Oil Fuel Marketer to Burner

Table: HHANDLER2

Data Element Name:	Used Oil Fuel Marketer to Burner
Description:	Code indicating whether the site directs shipments of off-specification used oil from the facility to used oil burners.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Specification Used Oil Marketer

Table: HHANDLER2

Data Element Name:	Specification Used Oil Marketer
Description:	Code indicating whether the handler first claims that used oil targeted for energy recovery meets used fuel oil specifications.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Used Oil Transfer Facility

Table: HHANDLER2

Data Element Name:	Used Oil Transfer Facility
Description:	Code indicating whether the site acts as a transfer facility for used oil. A transfer facility is any transportation-related facility including loading docks, parking areas, storage areas, or other areas where shipments of used oil are held for more than 1 day and not longer than 35 days during the normal course of transportation.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Used Oil Transporter

Table: HHANDLER2

Data Element Name:	Used Oil Transporter
Description:	Code indicating whether the site transports or collects and transports used oil from more than one generator, or owns and operates a transfer facility. The transporter may aggregate loads for the purposes of transportation but may not process the oil with the exception of incidental processing, such as oil/water separation, that may occur during transportation.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Other/Secondary Identification Number

Table: HHANDLER2

Data Element Name:	Other/Secondary Identification Number
Description:	Number that may be assigned by States to identify individual handlers.
Format:	VARCHAR2(12)
Allowed Values:	N/A

TSD Date

Table: HHANDLER2

Data Element Name:	TSD Date
Description:	The date that operation of the facility commenced, the date construction on the facility commenced, or the date that operation is expected to begin.
Format:	DATE
Allowed Values:	Valid date

Off-Site Waste Receipt

Table: HHANDLER2

Data Element Name:	Off-Site Waste Receipt
Description:	Code indicating that the handler, whether public or private, currently accepts hazardous waste from another site (site identified by a different EPA ID). If information is also available on the specific processes and wastes which are accepted, it is indicated by a flag at the process unit level (Process Unit Group Commercial Status).
Format:	CHAR(1)
Allowed Values:	**A** - accepts waste from (any) off-site source(s). **R** - accepts waste from only a restricted group of off-site generators. **N** - verified to be non-commercial blank - commercial status unknown

Accessibility

Table: HHANDLER2

Data Element Name:	Accessibility
Description:	Code indicating the reason why the handler is not accessible for normal RCRA tracking and processing (previously called Bankrupt Indicator).
Format:	CHAR(1)
Allowed Values:	**B** - Handler has filed for bankruptcy and bankruptcy litigation is in process. **F** - All responsible parties (owners/operators) for the handler have fled the country or are otherwise not available for prosecution. **C** - All RCRA responsibilities for permitting/closure, corrective action, and compliance monitoring and enforcement at the facility have been formally transferred to the CERCLA program or state equivalent. The RCRA program no longer has any responsibility for the aforementioned activities for this facility. **L** - The handler's case is tied up in litigation to the extent that further progress in achieving RCRA compliance through normal enforcement is not possible.

Reporting Cycle Year

Table: HHANDLER2

Data Element Name:	Reporting Cycle Year
Description:	Foreign key to Reporting Cycle Year in BREPORT_CYCLE.

County Code Owner

Table: HHANDLER2

Data Element Name: County Code Owner
Description: Foreign key to Owner in LU_COUNTY.

County Code

Table: HHANDLER2

Data Element Name: County Code
Description: Foreign key to County Code in LU_COUNTY.

Federal Waste Generator Owner

Table: HHANDLER2

Data Element Name: Federal Waste Generator Owner
Description: Foreign key to Owner in LU_GENERATOR_STATUS2.

Federal Waste Generator Code

Table: HHANDLER2

Data Element Name: Federal Waste Generator Code
Description: Foreign key to Waste Generator Status Code in LU_GENERATOR_STATUS2.

State Waste Generator Owner

Table: HHANDLER2

Data Element Name: State Waste Generator Owner
Description: Foreign key to Owner in LU_GENERATOR_STATUS2.

State Waste Generator Code

Table: HHANDLER2

Data Element Name:	State Waste Generator Code
Description:	Foreign key to Waste Generator Status Code in LU_GENERATOR_STATUS2.

Contact Street Number

Table: HHANDLER2

Data Element Name:	Contact Street Number
Description:	The street number from the contact street address.
Format:	VARCHAR2(12)
Allowed Values:	N/A

Permit Contact Street Number

Table: HHANDLER2

Data Element Name:	Permit Contact Street Number
Description:	The street number from the permit contact street address.
Format:	VARCHAR2(12)
Allowed Values:	N/A

HNAICS

File Name: HNAICS.DAT

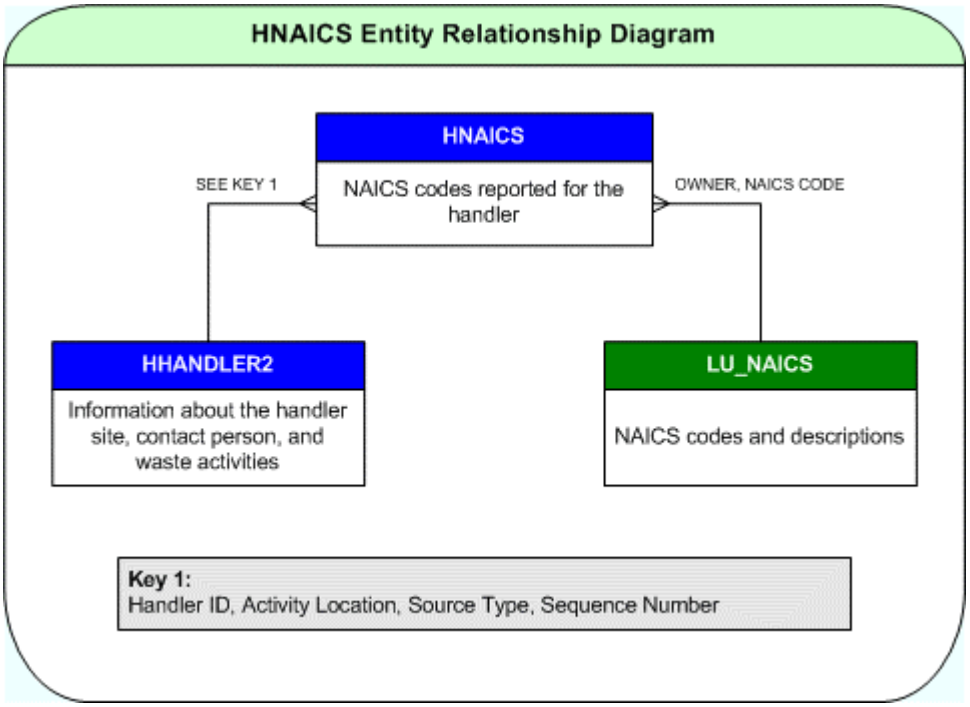
Primary Key for HNAICS:

No.	Pos.	Data Element Name	Type	Size
1	1	NAICS Sequence Number	Integer	4
2	5	Handler Sequence Number	Integer	6
3	11	Activity Location	Alphanumeric	2
4	13	EPA Handler ID	Alphanumeric	12
5	25	Source Type	Alphanumeric	1

Data Elements for HNAICS:

No.	Pos.	Data Element Name	Type	Size
6	26	NAICS Code Owner	Alphanumeric	2
7	28	NAICS Code	Alphanumeric	6

Entity Relationship Diagram



NAICS Sequence Number

Table: HNAICS

Data Element Name:	NAICS Sequence Number
Description:	Sequence number for each NAICS code for the handler.
Format:	NUMBER(4)
Allowed Values:	1 - 9999

Handler Sequence Number

Table: HNAICS

Data Element Name:	Handler Sequence Number
Description:	Foreign key to Handler Sequence Number in HHANDLER2.

Activity Location

Table: HNAICS

Data Element Name:	Activity Location
Description:	Foreign key to Activity Location in HHANDLER2.

EPA Handler ID

Table: HNAICS

Data Element Name:	EPA Handler ID
Description:	Foreign key to EPA Handler ID in HHANDLER2.

Source Type

Table: HNAICS

Data Element Name:	Source Type
Description:	Foreign key to Source Type in HHANDLER2.

NAICS Code Owner

Table: HNAICS

Data Element Name:	NAICS Code Owner
Description:	Foreign key to Owner in LU_NAICS.

NAICS Code

Table: HNAICS

Data Element Name:	NAICS Code
Description:	Foreign key to NAICS Code in LU_NAICS.

HOTHER_PERMIT2

File Name: HOTHER_PERMIT2.DAT

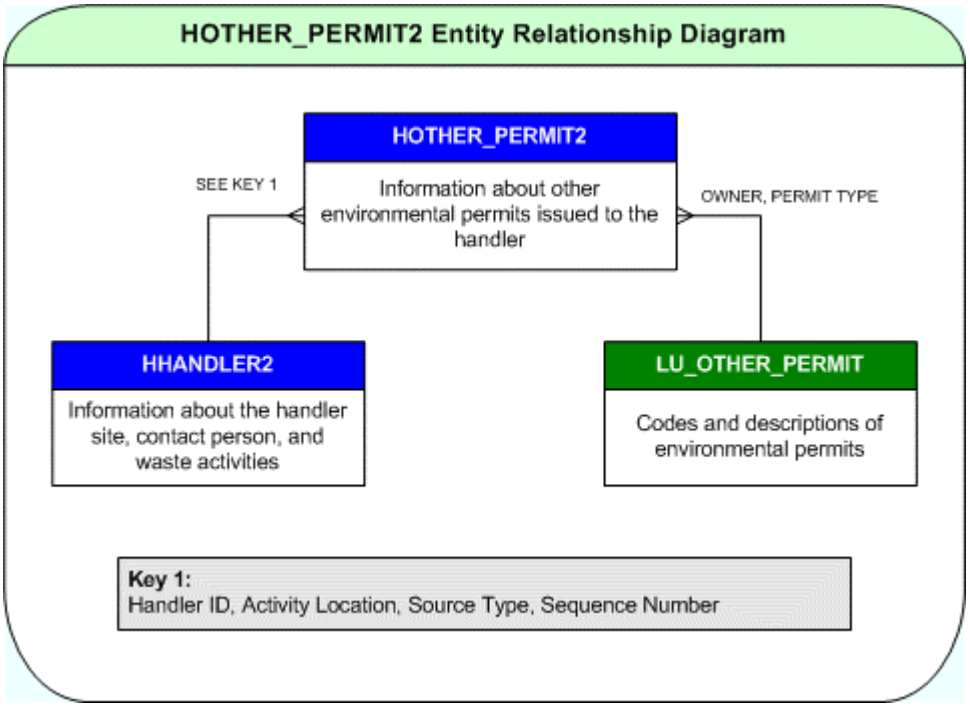
Primary Key for HOTHER_PERMIT2:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Other Permit Type Owner	Alphanumeric	2

Data Elements for HOTHER_PERMIT2:

No.	Pos.	Data Element Name	Type	Size
6	24	Other Permit Type	Alphanumeric	1
7	25	Other Permit Number	Alphanumeric	13
8	38	Other Permit Description	Alphanumeric	20

Entity Relationship Diagram



EPA Handler ID

Table: HOTHER_PERMIT2

Data Element Name: EPA Handler ID
Description: Foreign key to EPA Handler ID in HHANDLER2.

Activity Location

Table: HOTHER_PERMIT2

Data Element Name: Activity Location
Description: Foreign key to Activity Location in HHANDLER2.

Source Type

Table: HOTHER_PERMIT2

Data Element Name: Source Type
Description: Foreign key to Source Type in HHANDLER2.

Handler Sequence Number

Table: HOTHER_PERMIT2

Data Element Name: Handler Sequence Number
Description: Foreign key to Handler Sequence Number in HHANDLER2.

Other Permit Type Owner

Table: HOTHER_PERMIT2

Data Element Name: Other Permit Type Owner
Description: Foreign key to Owner in LU_OTHER_PERMIT.

Other Permit Type

Table: HOTHER_PERMIT2

Data Element Name:	Other Permit Type
Description:	Foreign key to Other Permit Type in LU_OTHER_PERMIT.

Other Permit Number

Table: HOTHER_PERMIT2

Data Element Name:	Other Permit Number
Description:	Identification number of an effective environmental permit issued to the handler, or the number of a filed application for which an environmental permit has not yet been issued.
Format:	VARCHAR2(13)
Allowed Values:	N/A

Other Permit Description

Table: HOTHER_PERMIT2

Data Element Name:	Other Permit Description
Description:	Description of any permit type indicated as O (Other) in the Permit Type field.
Format:	VARCHAR2(20)
Allowed Values:	N/A

HOWNER_OPERATOR2

File Name: HOWNER_OPERATOR2.DAT

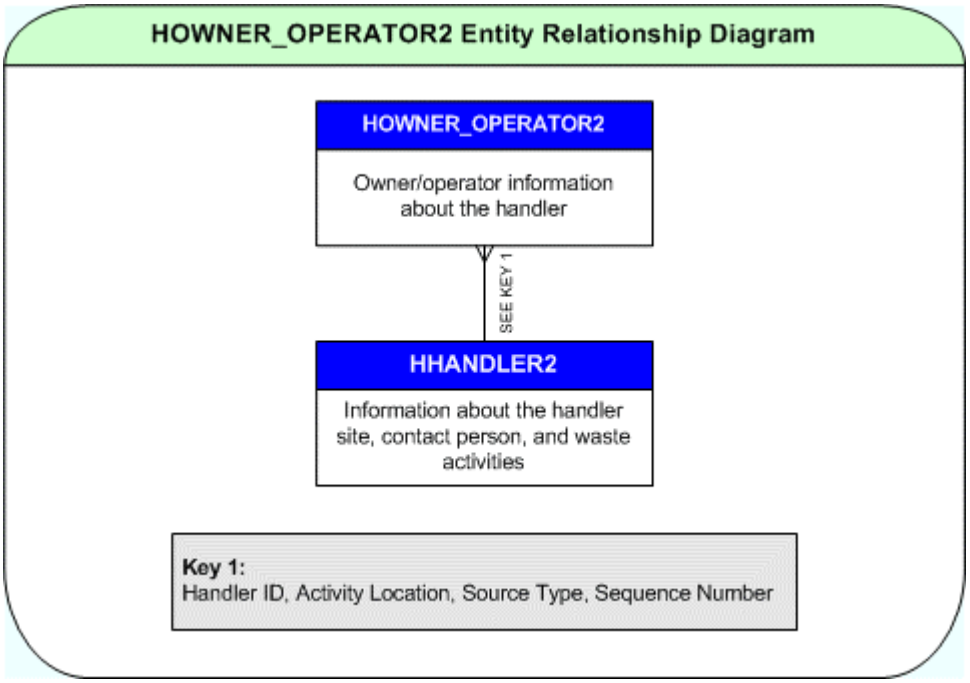
Primary Key for HOWNER_OPERATOR2:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Owner/Operator Sequence Number	Integer	4

Data Elements for HOWNER_OPERATOR2:

No.	Pos.	Data Element Name	Type	Size
6	26	Owner/Operator Indicator	Alphanumeric	2
7	28	Owner/Operator Name	Alphanumeric	40
8	68	Owner/Operator Type	Alphanumeric	1
9	69	Date Became Current	Date: YYYYMMDD	8
10	77	Date Ended Current	Date: YYYYMMDD	8
11	85	Owner/Operator Street 1	Alphanumeric	30
12	115	Owner/Operator Street 2	Alphanumeric	30
13	145	Owner/Operator City	Alphanumeric	25
14	170	Owner/Operator State	Alphanumeric	2
15	172	Owner/Operator Country	Alphanumeric	2
16	174	Owner/Operator ZIP Code	Alphanumeric	14
17	188	Owner/Operator Phone	Alphanumeric	15
18	203	Dunn and Bradstreet Number	Alphanumeric	10
19	213	Owner/Operator Street Number	Alphanumeric	12

Entity Relationship Diagram



EPA Handler ID

Table: HOWNER_OPERATOR2

Data Element Name:	EPA Handler ID
Description:	Foreign key to EPA Handler ID in HHANDLER2.

Activity Location

Table: HOWNER_OPERATOR2

Data Element Name:	Activity Location
Description:	Foreign key to Activity Location in HHANDLER2.

Source Type

Table: HOWNER_OPERATOR2

Data Element Name:	Source Type
Description:	Foreign key to Source Type in HHANDLER2.

Handler Sequence Number

Table: HOWNER_OPERATOR2

Data Element Name:	Handler Sequence Number
Description:	Foreign key to Handler Sequence Number in HHANDLER2.

Owner/Operator Sequence Number

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Sequence Number
Description:	Sequential number used to order multiple occurrences of owners and operators.
Format:	NUMBER(4)
Allowed Values:	1 - 9999

Owner/Operator Indicator

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Indicator
Description:	Code indicating whether the data is associated with a current or previous owner or operator. The system will allow multiple current owners and operators.
Format:	CHAR(2)
Allowed Values:	CO Current owner CP Current operator PO Previous owner PP Previous operator

Owner/Operator Name

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Name
Description:	**Owner Name:** The name of the entity (individual, agency, corporation) having legal ownership of the physical operation. The owner name may or may not be the same as the actual site name or the operator name. **Operator Name:** The name of the entity (individual, agency, corporation) that is responsible for the overall operation of the facility. The operator name may or may not be the same as the actual site name or the owner name.
Format:	VARCHAR2(40)
Allowed Values:	N/A

Owner/Operator Type

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Type
Description:	**Owner Type:** Code indicating the type of entity that legally owns the facility. **Operator Type:** Code indicating the type of entity that is responsible for the overall operation of the facility.
Format:	CHAR(1)
Allowed Values:	F Federal S State P Private I Indian C County M Municipal D District O Other

Date Became Current

Table: HOWNER_OPERATOR2

Data Element Name:	Date Became Current
Description:	Date indicating when the owner/operator became current.
Format:	DATE
Allowed Values:	Valid date

Date Ended Current

Table: HOWNER_OPERATOR2

Data Element Name:	Date Ended Current
Description:	Date indicating when the owner/operator changed to a different owner/operator.
Format:	DATE
Allowed Values:	Valid date

Owner/Operator Street 1

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Street 1
Description:	First line of the street address or post office box number of the facility owner or operator.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Owner/Operator Street 2

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Street 2
Description:	Second line of the street address or post office box number of the facility owner or operator.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Owner/Operator City

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator City
Description:	The city or town in the address of the facility owner or operator.
Format:	VARCHAR2(25)
Allowed Values:	N/A

Owner/Operator State

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator State
Description:	The two-letter postal code for the state in the address of the facility owner or operator.
Format:	CHAR(2)
Allowed Values:	N/A

Owner/Operator Country

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Country
Description:	The country code for the address of the facility owner or operator.
Format:	CHAR(2)
Allowed Values:	N/A

Owner/Operator ZIP Code

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator ZIP Code
Description:	ZIP code in the address of the owner or operator.
Format:	VARCHAR2(14)
Allowed Values:	N/A

Owner/Operator Phone

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Phone
Description:	Telephone number associated with the owner or operator specified.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Dunn & Bradstreet Number

Table: HOWNER_OPERATOR2

Data Element Name:	Dunn & Bradstreet Number
Description:	Nine-digit unique identification number assigned by the Dunn & Bradstreet organization to a company that might own or operate a site. The identifier serves as linkage for commercially available information pertaining to the site.
Format:	VARCHAR2(10)
Allowed Values:	N/A

Owner/Operator Street Number

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Street Number
Description:	The street number from the address of the facility owner or operator.
Format:	VARCHAR2(12)
Allowed Values:	N/A

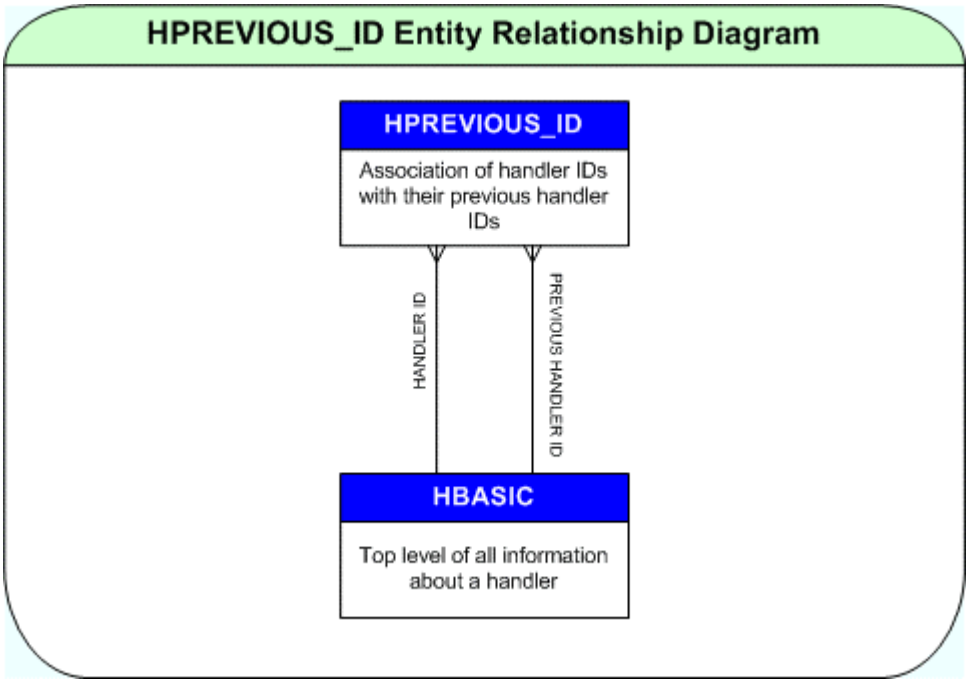
HPREVIOUS_ID

File Name: HPREVIOUS_ID.DAT

Primary Key for HPREVIOUS_ID

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Previous EPA Handler ID	Alphanumeric	12

Entity Relationship Diagram



EPA Handler ID

Table: HPREVIOUS_ID

Data Element Name: EPA Handler ID
Description: Foreign key to EPA Handler ID in HHANDLER2.

Previous EPA Handler ID

Table: HPREVIOUS_ID

Data Element Name: EPA Handler ID
Description: Foreign key to EPA Handler ID in HHANDLER2.

HREPORT_UNIV

File Name: HREPORT_UNIV.DAT

Primary Key for HREPORT_UNIV:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2

Data Elements for HREPORT_UNIV:

No.	Pos.	Data Element Name	Type	Size
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Receive Date	Date: YYYYMMDD	8
6	30	Extract Flag	Alphanumeric	1
7	31	Handler Name	Alphanumeric	40
8	71	Region	Alphanumeric	2
9	73	State Postal Code	Alphanumeric	2
10	75	Other/Previous Site Name	Alphanumeric	40
11	115	State District	Alphanumeric	10
12	125	Non-Notifier	Alphanumeric	1
13	126	Latitude	Integer	11
14	137	Longitude	Integer	12
15	149	Accessibility	Alphanumeric	1
16	150	Other/Secondary Identification Number	Alphanumeric	12
17	162	Reporting Cycle Year	Integer	4
18	166	In CM&E Universes	Alphanumeric	1
19	167	Full Enforcement Universe	Alphanumeric	5
20	172	Operating TSDF Universe	Alphanumeric	5
21	177	SNC Universe	Alphanumeric	1
22	178	BOYSNC Universe	Alphanumeric	1
23	179	GPRA Operating Permit Baseline Universe	Alphanumeric	1
24	180	GPRA Post-Closure Baseline Universe	Alphanumeric	1

25	181	GPRA Corrective Action Baseline Universe	Alphanumeric	1
26	182	Annual Beginning of Year Enforcement Universe	Alphanumeric	1
27	183	Permit Progress Universe	Alphanumeric	5
28	188	Permit Workload Universe	Alphanumeric	5
29	193	Closure Workload Universe	Alphanumeric	5
30	198	Post-Closure Workload Universe	Alphanumeric	5
31	203	Subject to Corrective Action Universe	Alphanumeric	1
32	204	TSDFs Potentially Subject to Corrective Action Under 3004 (u)/(v) Universe	Alphanumeric	1
33	205	TSDFs Only Subject to Corrective Action Under Discretionary Authorities Universe	Alphanumeric	1
34	206	Non TSDFs Where Corrective Action Has Been Imposed Universe	Alphanumeric	1
35	207	Corrective Action Workload Universe	Alphanumeric	1
36	208	In Handler Universes	Alphanumeric	1
37	209	Generator Status Universe	Alphanumeric	3
38	212	Transporter Activity	Alphanumeric	1
39	213	Universal Waste	Alphanumeric	1
40	214	Recycler Activity	Alphanumeric	1
41	215	Used Oil Universe	Alphanumeric	7
42	222	Importer Activity	Alphanumeric	1
43	223	Mixed Waste Generator	Alphanumeric	1
44	224	Onsite Burner Exemption	Alphanumeric	1
45	225	Furnace Exemption	Alphanumeric	1
46	226	Underground Injection Activity	Alphanumeric	1
47	227	NAICS Code 1	Alphanumeric	6
48	233	NAICS Code 2	Alphanumeric	6
49	239	NAICS Code 3	Alphanumeric	6
50	245	NAICS Code 4	Alphanumeric	6
51	251	Owner Type	Alphanumeric	1
52	252	Owner Name	Alphanumeric	40
53	292	Operator Type	Alphanumeric	1
54	293	Operator Name	Alphanumeric	40
55	333	Location Street Number	Alphanumeric	12
56	345	Location Street 1	Alphanumeric	30
57	375	Location Street 2	Alphanumeric	30
58	405	Location City	Alphanumeric	25
59	430	Location State	Alphanumeric	2
60	432	Location ZIP Code	Alphanumeric	14
61	446	Location County Code	Alphanumeric	5
62	451	Location County Name	Alphanumeric	27
63	478	Mailing Street Number	Alphanumeric	12
64	490	Mailing Street 1	Alphanumeric	30
65	520	Mailing Street 2	Alphanumeric	30

66	550	Mailing City	Alphanumeric	25
67	575	Mailing State	Alphanumeric	2
68	577	Mailing ZIP Code	Alphanumeric	14
69	591	Mailing Country	Alphanumeric	2
70	593	Contact Name	Alphanumeric	33
71	626	Contact Street 1	Alphanumeric	30
72	656	Contact Street 2	Alphanumeric	30
73	686	Contact City	Alphanumeric	25
74	711	Contact State	Alphanumeric	2
75	713	Contact ZIP Code	Alphanumeric	14
76	727	Contact Country	Alphanumeric	2
77	729	Contact Phone and Phone Extension	Alphanumeric	22
78	751	HHANDLER2 Date of Last Change	Date: YYYYMMDD	8
79	759	Owner Sequence Number	Integer	6
80	765	Operator Sequence Number	Integer	6
81	771	Number of Owners	Integer	4
82	775	Number of Operators	Integer	4
83	779	Owner Operator Hierarchy	Alphanumeric	2
84	781	In a Universe	Alphanumeric	1
85	782	Mixed Source	Alphanumeric	1
86	783	Mixed Source Type	Alphanumeric	1
87	784	Mixed Sequence Number	Integer	6
88	790	Federal Waste Generator Owner	Alphanumeric	2
89	792	Federal Waste Generator Code	Alphanumeric	1
90	793	State Waste Generator Owner	Alphanumeric	2
91	795	State Waste Generator Code	Alphanumeric	1

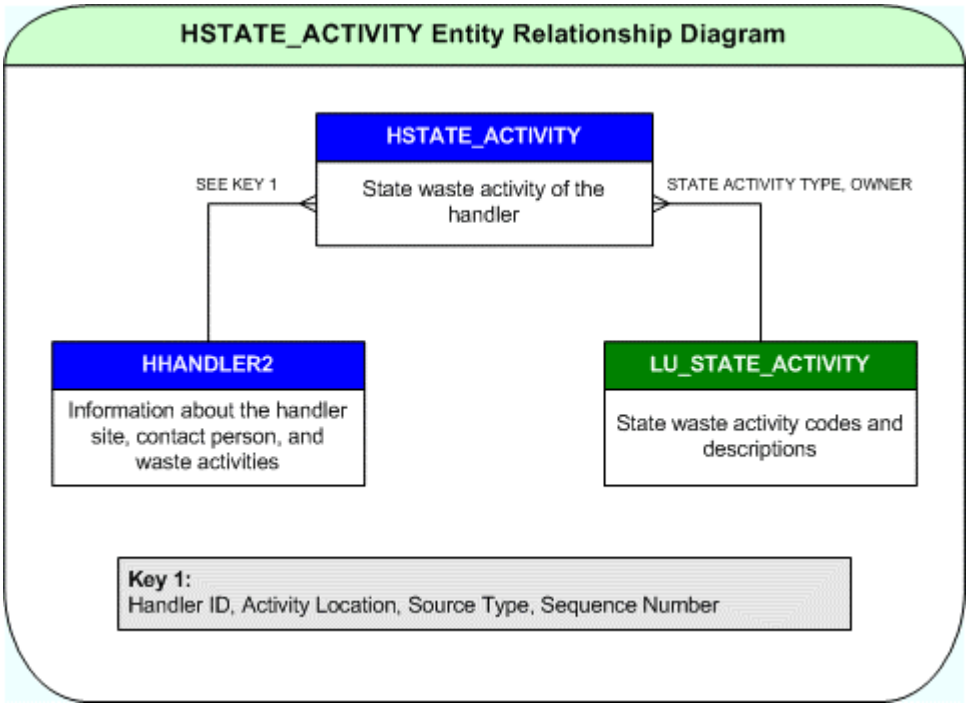
HSTATE_ACTIVITY

File Name: HSTATE_ACTIVITY.DAT

Primary Key for HSTATE_ACTIVITY:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	State Activity Type Owner	Alphanumeric	2
6	24	State Activity Type	Alphanumeric	5

Entity Relationship Diagram



EPA Handler ID

Table: HSTATE_ACTIVITY

Data Element Name: EPA Handler ID
Description: Foreign key to EPA Handler ID in HHANDLER2.

Activity Location

Table: HSTATE_ACTIVITY

Data Element Name: Activity Location
Description: Foreign key to Activity Location in HHANDLER2.

Source Type

Table: HSTATE_ACTIVITY

Data Element Name: Source Type
Description: Foreign key to Source Type in HHANDLER2.

Handler Sequence Number

Table: HSTATE_ACTIVITY

Data Element Name: Handler Sequence Number
Description: Foreign key to Handler Sequence Number in HHANDLER2.

State Activity Type Owner

Table: HSTATE_ACTIVITY

Data Element Name: State Activity Type Owner
Description: Foreign key to Owner in LU_STATE_ACTIVITY.

State Activity Type

Table: HSTATE_ACTIVITY

Data Element Name:	State Activity Type
Description:	Foreign key to State Activity Type in LU_STATE_ACTIVITY.

HUNIVERSAL_WASTE

File Name: HUNIVERSAL_WASTE.DAT

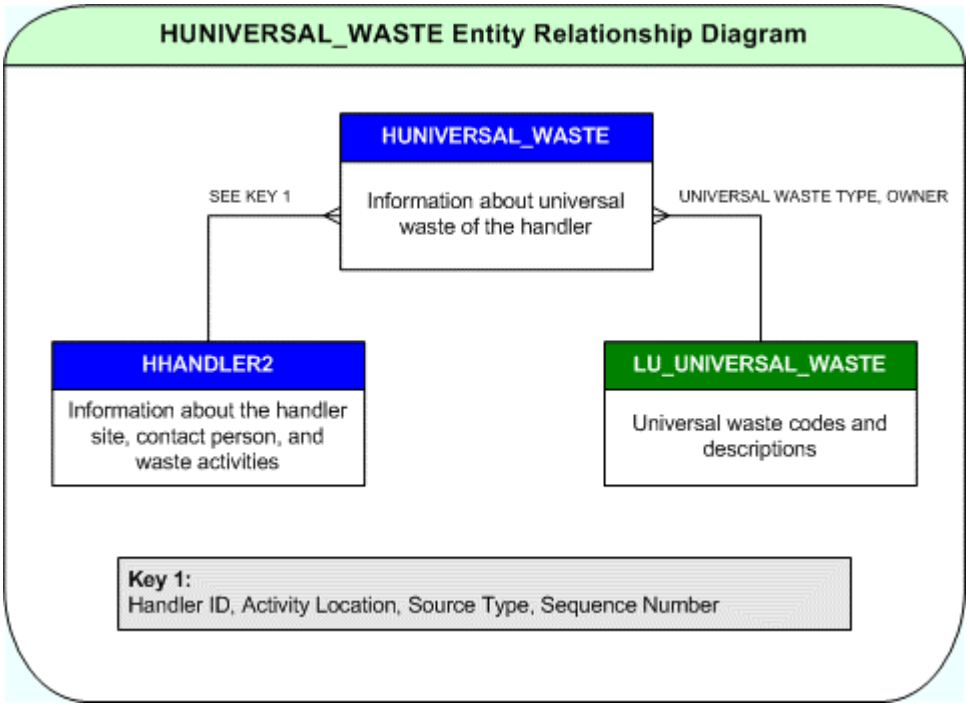
Primary Key for HUNIVERSAL_WASTE:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Universal Waste Type Owner	Alphanumeric	2
6	24	Universal Waste Type	Alphanumeric	1

Data Elements for HUNIVERSAL_WASTE

No.	Pos.	Data Element Name	Type	Size
7	25	Accumulated	Alphanumeric	1
8	26	Generated	Alphanumeric	1

Entity Relationship Diagram



EPA Handler ID

Table: HUNIVERSAL_WASTE

Data Element Name: EPA Handler ID
Description: Foreign key to EPA Handler ID in HHANDLER2.

Activity Location

Table: HUNIVERSAL_WASTE

Data Element Name: Activity Location
Description: Foreign key to Activity Location in HHANDLER2.

Source Type

Table: HUNIVERSAL_WASTE

Data Element Name: Source Type
Description: Foreign key to Source Type in HHANDLER2.

Handler Sequence Number

Table: HUNIVERSAL_WASTE

Data Element Name: Handler Sequence Number
Description: Foreign key to Handler Sequence Number in HHANDLER2.

Universal Waste Type Owner

Table: HUNIVERSAL_WASTE

Data Element Name: Universal Waste Type Owner
Description: Foreign key to Owner in LU_UNIVERSAL_WASTE.

Universal Waste Type

Table: HUNIVERSAL_WASTE

Data Element Name:	Universal Waste Type
Description:	Foreign key to Universal Waste Type in LU_UNIVERSAL_WASTE.

Accumulated

Table: HUNIVERSAL_WASTE

Data Element Name:	Accumulated
Description:	Code indicating that the handler is engaged in accumulating waste on site.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

Generated

Table: HUNIVERSAL_WASTE

Data Element Name:	Generated
Description:	Code indicating that the handler is engaged in generating waste on site.
Format:	CHAR(1)
Allowed Values:	**Y** - Yes **N** - No **U** - Unknown

HUNIVERSE_DETAIL

File Name: HUNIVERSE_DETAIL.DAT

Primary Key for HUNIVERSE_DETAIL:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2

Data Elements for HUNIVERSE_DETAIL:

No.	Pos.	Data Element Name	Type	Size
3	15	Post-Closure Workload Land Disposal	Alphanumeric	1
4	16	Post-Closure Workload Incinerator	Alphanumeric	1
5	17	Post-Closure Workload Boilers and Industrial Furnaces	Alphanumeric	1
6	18	Post-Closure Workload Storage	Alphanumeric	1
7	19	Post-Closure Workload Treatment	Alphanumeric	1
8	20	Permit Progress Land Disposal	Alphanumeric	1
9	21	Permit Progress Incinerator	Alphanumeric	1
10	22	Permit Progress Boilers and Industrial Furnaces	Alphanumeric	1
11	23	Permit Progress Storage	Alphanumeric	1
12	24	Permit Progress Treatment	Alphanumeric	1
13	25	Closure Workload Land Disposal	Alphanumeric	1
14	26	Closure Workload Incinerator	Alphanumeric	1
15	27	Closure Workload Boilers and Industrial Furnaces	Alphanumeric	1
16	28	Closure Workload Storage	Alphanumeric	1
17	29	Closure Workload Treatment	Alphanumeric	1
18	30	Permit Workload Land Disposal	Alphanumeric	1
19	31	Permit Workload Incinerator	Alphanumeric	1
20	32	Permit Workload Boilers and Industrial Furnaces	Alphanumeric	1
21	33	Permit Workload Storage	Alphanumeric	1
22	34	Permit Workload Treatment	Alphanumeric	1

23	35	Full Enforcement Land Disposal	Alphanumeric	1
24	36	Full Enforcement Incinerator	Alphanumeric	1
25	37	Full Enforcement Boilers and Industrial Furnaces	Alphanumeric	1
26	38	Full Enforcement Storage	Alphanumeric	1
27	39	Full Enforcement Treatment	Alphanumeric	1
28	40	Operating TSDF Land Disposal	Alphanumeric	1
29	41	Operating TSDF Incinerator	Alphanumeric	1
30	42	Operating TSDF Boilers and Industrial Furnaces	Alphanumeric	1
31	43	Operating TSDF Storage	Alphanumeric	1
32	44	Operating TSDF Treatment	Alphanumeric	1
33	45	Used Oil Transporter	Alphanumeric	1
34	46	Used Oil Transfer Facility	Alphanumeric	1
35	47	Used Oil Processor	Alphanumeric	1
36	48	Used Oil Refiner	Alphanumeric	1
37	49	Used Oil Burner	Alphanumeric	1
38	50	Used Oil Market Burner	Alphanumeric	1
39	51	Used Oil Specification Marketer	Alphanumeric	1

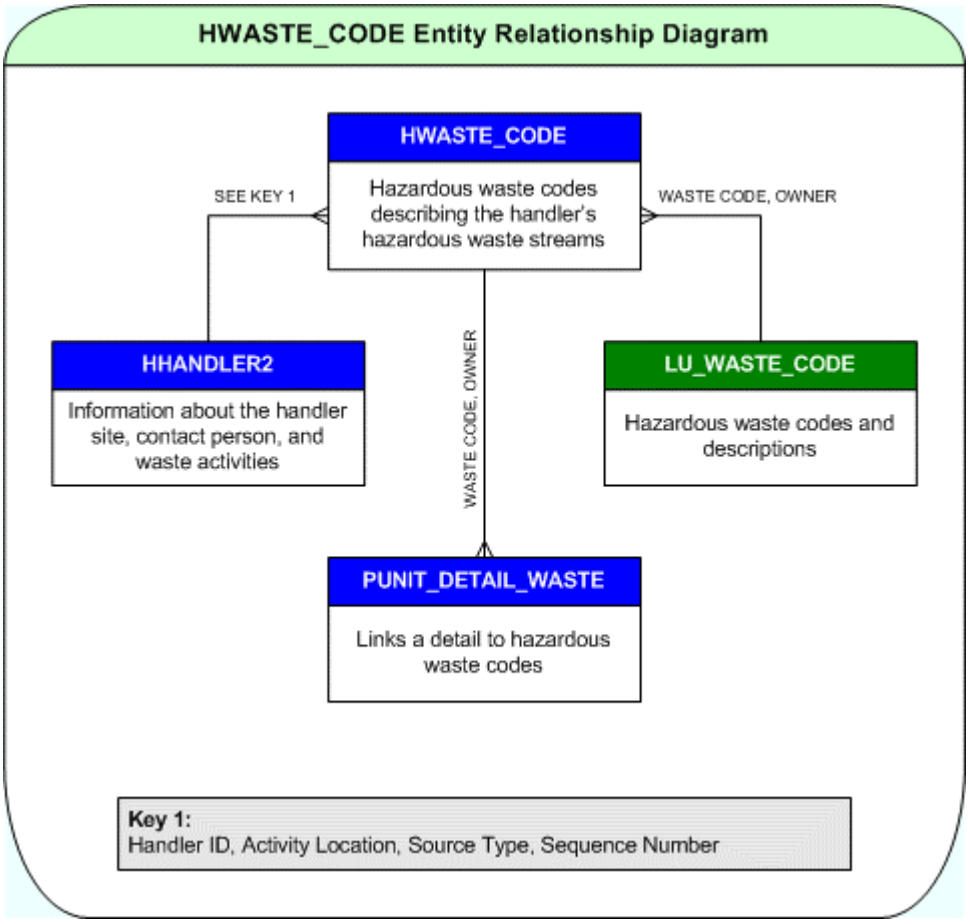
HWASTE_CODE

File Name: HWASTE_CODE.DAT

Primary Key for HWASTE_CODE:

No.	Pos.	Data Element Name	Type	Size
1	1	EPA Handler ID	Alphanumeric	12
2	13	Activity Location	Alphanumeric	2
3	15	Source Type	Alphanumeric	1
4	16	Handler Sequence Number	Integer	6
5	22	Waste Code Owner	Alphanumeric	2
6	24	Waste Code	Alphanumeric	6

Entity Relationship Diagram



EPA Handler ID

Table: HWASTE_CODE

Data Element Name: EPA Handler ID
Description: Foreign key to EPA Handler ID in HHANDLER2.

Activity Location

Table: HWASTE_CODE

Data Element Name: Activity Location
Description: Foreign key to Activity Location in HHANDLER2.

Source Type

Table: HWASTE_CODE

Data Element Name: Source Type
Description: Foreign key to Source Type in HHANDLER2.

Handler Sequence Number

Table: HWASTE_CODE

Data Element Name: Handler Sequence Number
Description: Foreign key to Handler Sequence Number in HHANDLER2.

Waste Code Owner

Table: HWASTE_CODE

Data Element Name: Waste Code Owner
Description: Foreign key to Owner in LU_WASTE_CODE.

Waste Code

Table: HWASTE_CODE

Data Element Name:	Waste Code
Description:	Foreign key to Hazardous Waste Code in LU_WASTE_CODE.

LU_COUNTRY

File Name: LU_COUNTRY.DAT

Primary Key for LU_COUNTRY:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Country Code	Alphanumeric	2

Data Elements for LU_COUNTRY:

No.	Pos.	Data Element Name	Type	Size
3	5	Country Name	Alphanumeric	100
4	105	Country Code Active Status	Alphanumeric	1

Owner

Table: LU_COUNTRY

Data Element Name:	Owner
Description:	Indicates the agency that defines the country code.
Format:	CHAR(2)
Allowed Values:	HQ Headquarters defined

Country Code

Table: LU_COUNTRY

Data Element Name:	Country Code
Description:	Two-letter code representing the country.
Format:	CHAR(2)
Allowed Values:	See Nationally Defined Values below.

Country Name

Table: LU_COUNTRY

Data Element Name:	Country Name
Description:	Country name represented by the country code.
Format:	VARCHAR2(100)
Allowed Values:	N/A

Country Code Active Status

Table: LU_COUNTRY

Data Element Name:	Country Code Active Status
Description:	Indicates if the country code is currently available.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

Nationally Defined Values for Country Code (as of October 1, 2003)

Country Name	Country Code
AFGHANISTAN	**AF**
ALBANIA	**AL**
ALGERIA	**DZ**
AMERICAN SAMOA	**AS**
ANDORRA	**AD**
ANGOLA	**AO**
ANGUILLA	**AI**
ANTARCTICA	**AQ**
ANTIGUA AND BARBUDA	**AG**
ARGENTINA	**AR**
ARMENIA	**AM**
ARUBA	**AW**
AUSTRALIA	**AU**
AUSTRIA	**AT**
AZERBAIJAN	**AZ**
BAHAMAS	**BS**
BAHRAIN	**BH**
BANGLADESH	**BD**
BARBADOS	**BB**
BELARUS	**BY**
BELGIUM	**BE**
BELIZE	**BZ**
BENIN	**BJ**
BERMUDA	**BM**
BHUTAN	**BT**
BOLIVIA	**BO**
BOSNIA AND HERZEGOVINA	**BA**

BOTSWANA	**BW**
BOUVET ISLAND	**BV**
BRAZIL	**BR**
BRITISH INDIAN OCEAN TERRITORY	**IO**
BRUNEI DARUSSALAM	**BN**
BULGARIA	**BG**
BURKINA FASO	**BF**
BURUNDI	**BI**
CAMBODIA	**KH**
CAMEROON	**CM**
CANADA	**CA**
CAPE VERDE	**CV**
CAYMAN ISLANDS	**KY**
CENTRAL AFRICAN REPUBLIC	**CF**
CHAD	**TD**
CHILE	**CL**
CHINA	**CN**
CHRISTMAS ISLAND	**CX**
COCOS (KEELING) ISLANDS	**CC**
COLOMBIA	**CO**
COMOROS	**KM**
CONGO	**CG**
CONGO, THE DEMOCRATIC REPUBLIC OF THE	**CD**
COOK ISLANDS	**CK**
COSTA RICA	**CR**
COTE D'IVOIRE	**CI**
CROATIA	**HR**
CUBA	**CU**
CYPRUS	**CY**
CZECH REPUBLIC	**CZ**
DENMARK	**DK**

DJIBOUTI	**DJ**
DOMINICA	**DM**
DOMINICAN REPUBLIC	**DO**
EAST TIMOR	**TP**
ECUADOR	**EC**
EGYPT	**EG**
EL SALVADOR	**SV**
EQUATORIAL GUINEA	**GQ**
ERITREA	**ER**
ESTONIA	**EE**
ETHIOPIA	**ET**
FALKLAND ISLANDS (MALVINAS)	**FK**
FAROE ISLANDS	**FO**
FIJI	**FJ**
FINLAND	**FI**
FRANCE	**FR**
FRENCH GUIANA	**GF**
FRENCH POLYNESIA	**PF**
FRENCH SOUTHERN TERRITORIES	**TF**
GABON	**GA**
GAMBIA	**GM**
GEORGIA	**GE**
GERMANY	**DE**
GHANA	**GH**
GIBRALTAR	**GI**
GREECE	**GR**
GREENLAND	**GL**
GRENADA	**GD**
GUADELOUPE	**GP**
GUAM	**GU**
GUATEMALA	**GT**

GUINEA	**GN**
GUINEA-BISSAU	**GW**
GUYANA	**GY**
HAITI	**HT**
HEARD ISLANDS AND MCDONALD ISLANDS	**HM**
HOLY SEE (VATICAN CITY STATE)	**VA**
HONDURAS	**HN**
HONG KONG	**HK**
HUNGARY	**HU**
ICELAND	**IS**
INDIA	**IN**
INDONESIA	**ID**
IRAN, ISLAMIC REPUBLIC OF	**IR**
IRAQ	**IQ**
IRELAND	**IE**
ISRAEL	**IL**
ITALY	**IT**
JAMAICA	**JM**
JAPAN	**JP**
JORDAN	**JO**
KAZAKSTAN	**KZ**
KENYA	**KE**
KIRIBATI	**KI**
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	**KP**
KOREA, REPUBLIC OF	**KR**
KUWAIT	**KW**
KYRGYZSTAN	**KG**
LAO PEOPLE'S DEMOCRATIC REPUBLIC	**LA**
LATVIA	**LV**
LEBANON	**LB**

LESOTHO	**LS**
LIBERIA	**LR**
LIBYAN ARAB JAMAHIRIYA	**LY**
LIECHTENSTEIN	**LI**
LITHUANIA	**LT**
LUXEMBOURG	**LU**
MACAU	**MO**
MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	**MK**
MADAGASCAR	**MG**
MALAWI	**MW**
MALAYSIA	**MY**
MALDIVES	**MV**
MALI	**ML**
MALTA	**MT**
MARSHALL ISLANDS	**MH**
MARTINIQUE	**MQ**
MAURITANIA	**MR**
MAURITIUS	**MU**
MAYOTTE	**YT**
MEXICO	**MX**
MICRONESIA, FEDERATED STATES OF	**FM**
MOLDOVA, REPUBLIC OF	**MD**
MONACO	**MC**
MONGOLIA	**MN**
MONTSERRAT	**MS**
MOROCCO	**MA**
MOZAMBIQUE	**MZ**
MYANMAR	**MM**
NAMIBIA	**NA**
NAURU	**NR**
NEPAL	**NP**

NETHERLANDS	**NL**
NETHERLANDS ANTILLES	**AN**
NEW CALEDONIA	**NC**
NEW ZEALAND	**NZ**
NICARAGUA	**NI**
NIGER	**NE**
NIGERIA	**NG**
NIUE	**NU**
NORFOLK ISLAND	**NF**
NORTHERN MARIANA ISLANDS	**MP**
NORWAY	**NO**
OMAN	**OM**
PAKISTAN	**PK**
PALAU	**PW**
PALESTINIAN TERRITORY, OCCUPIED	**PS**
PANAMA	**PA**
PAPUA NEW GUINEA	**PG**
PARAGUAY	**PY**
PERU	**PE**
PHILIPPINES	**PH**
PITCAIRN	**PN**
POLAND	**PL**
PORTUGAL	**PT**
PUERTO RICO	**PR**
QATAR	**QA**
REUNION	**RE**
ROMANIA	**RO**
RUSSIAN FEDERATION	**RU**
RWANDA	**RW**
SAINT HELENA	**SH**
SAINT KITTS AND NEVIS	**KN**

SAINT LUCIA	**LC**
SAINT PIERRE AND MIQUELON	**PM**
SAINT VINCENT AND THE GRENADINES	**VC**
SAMOA	**WS**
SAN MARINO	**SM**
SAO TOME AND PRINCIPE	**ST**
SAUDI ARABIA	**SA**
SENEGAL	**SN**
SEYCHELLES	**SC**
SIERRA LEONE	**SL**
SINGAPORE	**SG**
SLOVAKIA	**SK**
SLOVENIA	**SI**
SOLOMON ISLANDS	**SB**
SOMALIA	**SO**
SOUTH AFRICA	**ZA**
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	**GS**
SPAIN	**ES**
SRI LANKA	**LK**
SUDAN	**SD**
SURINAME	**SR**
SVALBARD AND JAN MAYEN	**SJ**
SWAZILAND	**SZ**
SWEDEN	**SE**
SWITZERLAND	**CH**
SYRIAN ARAB REPUBLIC	**SY**
TAIWAN, PROVINCE OF CHINA	**TW**
TAJIKISTAN	**TJ**
TANZANIA, UNITED REPUBLIC OF	**TZ**
THAILAND	**TH**
TOGO	**TG**

TOKELAU	**TK**
TONGA	**TO**
TRINIDAD AND TOBAGO	**TT**
TUNISIA	**TN**
TURKEY	**TR**
TURKMENISTAN	**TM**
TURKS AND CAICOS ISLANDS	**TC**
TUVALU	**TV**
UGANDA	**UG**
UKRAINE	**UA**
UNITED ARAB EMIRATES	**AE**
UNITED KINGDOM	**GB**
UNITED STATES	**US**
UNITED STATES MINOR OUTLYING ISLANDS	**UM**
URUGUAY	**UY**
UZBEKISTAN	**UZ**
VANUATU	**VU**
VENEZUELA	**VE**
VIET NAM	**VN**
VIRGIN ISLANDS, BRITISH	**VG**
VIRGIN ISLANDS, U.S.	**VI**
WALLIS AND FUTUNA	**WF**
WESTERN SAHARA	**EH**
YEMEN	**YE**
YUGOSLAVIA	**YU**
ZAMBIA	**ZM**
ZIMBABWE	**ZW**

LU_COUNTY

File Name: LU_COUNTY.DAT

Primary Key for LU_COUNTY:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	County Code	Alphanumeric	5

Data Elements for LU_COUNTY:

No.	Pos.	Data Element Name	Type	Size
3	8	County Name	Alphanumeric	27
4	35	County Code Active Status	Alphanumeric	1

Owner

Table: LU_COUNTY

Data Element Name:	Owner
Description:	Indicates the agency that defines the county code.
Format:	CHAR(2)
Allowed Values:	HQ Nationally required

County Code

Table: LU_COUNTY

Data Element Name:	County Code
Description:	The Federal Information Processing Standard (FIPS) code for the county in which the facility is located (Ref: FIPS Publication, 6-4, "Counties and Equivalent Entities of the United States, its Possessions, and Associated Areas").
Format:	VARCHAR2(5)
Allowed Values:	Standard FIPS County Codes:
	Positions 1 and 2 — Valid state code
	Positions 3 through 5 — 001 - 999

County Name

Table: LU_COUNTY

Data Element Name:	County Name
Description:	The name of the county in which the handler is located.
Format:	VARCHAR2(27)
Allowed Values:	N/A

County Code Active Status

Table: LU_COUNTY

Data Element Name:	County Code Active Status
Description:	Indicates if the county code is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes
	N No

LU_GENERATOR_STATUS2

File Name: LU_GENERATOR_STATUS2.DAT

Primary Key for LU_GENERATOR_STATUS2:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Waste Generator Status Code	Alphanumeric	1

Data Elements for LU_GENERATOR_STATUS2:

No.	Pos.	Data Element Name	Type	Size
3	4	Waste Generator Status Code Usage	Alphanumeric	1
4	5	Waste Generator Status Code Active Status	Alphanumeric	1
5	6	Waste Generator Status Description	Alphanumeric	100
6	106	Help Notes	Alphanumeric	100

Owner

Table: LU_GENERATOR_STATUS2

Data Element Name:	Owner
Description:	Indicates the agency that defines the generator status type.
Format:	CHAR(2)
Allowed Values:	HQ Nationally required 01 - 10 Regions State postal code

Waste Generator Status Code

Table: LU_GENERATOR_STATUS2

Data Element Name:	Waste Generator Status Code
Description:	**Federal:** Code indicating the regulatory status of the site with respect to the Federal rules to which it is subject as determined by the quantity and/or toxicity of hazardous wastes generated, stored, or accumulated over a specified period of time. **State:** Code indicating the regulatory status of the site in view of the implementing State's "broader in scope" or "more stringent than" rules. Although such an implementing State might use terms that differ for their generators (e.g., "Fully Regulated Generator"), these terms would be translated to match the Federal regulatory term (i.e., LQG, SQG, or CESQG) that best represents the way that the State regulates the generator.
Format:	CHAR(1)
Allowed Values:	See Nationally Defined Values below.

Waste Generator Status Code Usage

Table: LU_GENERATOR_STATUS2

Data Element Name: Waste Generator Status Code Usage

Description: Defines the intended use of the generator status, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Waste Generator Status Code Active Status

Table: LU_GENERATOR_STATUS2

Data Element Name:	Waste Generator Status Code Active Status
Description:	Indicates if the generator status value is currently applicable. "Y" means the code can be used. "N" means the code is not available and will not show up in drop-down lists.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

Waste Generator Status Description

Table: LU_GENERATOR_STATUS2

Data Element Name:	Waste Generator Status Description
Description:	English description of the generator status.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

Help Notes

Table: LU_GENERATOR_STATUS2

Data Element Name:	Help Notes
Description:	Additional information regarding the SIC code.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

Nationally Defined Values for Generator Status Code

Generator Status Code	Generator Status Code Description
1	Handlers which: • Generate 1,000 kg or more of hazardous waste during any calendar month; or • Generate more than 1 kg of acutely hazardous waste during any calendar month; or • Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or • Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or • Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time. Note: These handlers are considered Large Quantity Generators.
2	Handlers which: • Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or • Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time. Note: These handlers are considered Small Quantity Generators.
3	Handlers which: • Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or

	• Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time:
	  ○ 1 kg or less of acutely hazardous waste; or
	  ○ 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or
	• Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulate at any time:
	  ○ 1 kg or less of acutely hazardous waste; or
	  ○ 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste.
	
	Note: These handlers are considered Conditionally Exempt Small Quantity Generators.

N	Not a generator, verified
blank (null)	Unverified

LU_NAICS

File Name: LU_NAICS.DAT

Primary Key for LU_NAICS:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	North American Industry Classification System (NAICS) Code	Alphanumeric	6

Data Elements for LU_NAICS:

No.	Pos.	Data Element Name	Type	Size
3	9	NAICS Code Usage	Integer	1
4	10	NAICS Code Active Status	Alphanumeric	1
5	11	NAICS Code Description	Alphanumeric	100
6	111	Help Notes	Alphanumeric	100

Owner

Table: LU_NAICS

Data Element Name:	Owner
Description:	Indicates the agency that defines the NAICS Code.
Format:	CHAR(2)
Allowed Values:	HQ Nationally required

North American Industry Classification System (NAICS) Code

Table: LU_NAICS

Data Element Name:	North American Industry Classification System (NAICS) Code
Description:	The primary industrial activity of the facility as defined by a standard industrial coding system.
Format:	VARCHAR2(6)
Allowed Values:	See Nationally Defined Values below.
Comments:	NAICS codes may be 5 or 6 characters in length. For translators, NAICS codes are required with forms dated from December 1, 2002 forward.

NAICS Code Usage

Table: LU_NAICS

Data Element Name: NAICS Code Usage

Description: Defines the intended use of the NAICS code, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: NUMBER(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

NAICS Code Active Status

Table: LU_NAICS

Data Element Name:	NAICS Code Active Status
Description:	Indicates if the NAICS code is currently applicable. "Y" means the code can be used. "N" means the code is not available and will not show up in drop-down lists.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

NAICS Code Description

Table: LU_NAICS

Data Element Name:	NAICS Code Description
Description:	English description of the NAICS code.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

Help Notes

Table: LU_NAICS

Data Element Name:	Help Notes
Description:	Additional information regarding the SIC code.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

LU_OTHER_PERMIT

File Name: LU_OTHER_PERMIT.DAT

Primary Key for LU_OTHER_PERMIT:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Other Permit Type	Alphanumeric	1

Data Elements for LU_OTHER_PERMIT:

No.	Pos.	Data Element Name	Type	Size
3	4	Other Permit Type Usage	Alphanumeric	1
4	5	Other Permit Type Active Status	Alphanumeric	1
5	6	Other Permit Description	Alphanumeric	50
6	56	Help Notes	Alphanumeric	100

Owner

Table: LU_OTHER_PERMIT

Data Element Name:	Owner
Description:	Indicates the agency that defines the other permit type.
Format:	CHAR(2)
Allowed Values:	US Nationally Defined 01 - 10 Regions State postal code

Other Permit Type

Table: LU_OTHER_PERMIT

Data Element Name:	Other Permit Type
Description:	Code indicating the environmental program and/or jurisdictional authority under which an environmental permit was issued to the facility, or under which an application has been filed for which a permit has not yet been issued. This data element is applicable to TSD facilities only.
Format:	CHAR(1)
Allowed Values:	See Nationally Defined Values below.

Other Permit Type Usage

Table: LU_OTHER_PERMIT

Data Element Name: Other Permit Type Usage

Description: Defines the intended use of the permit type, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Other Permit Type Active Status

Table: LU_OTHER_PERMIT

Data Element Name:	Other Permit Type Active Status
Description:	Indicates if the permit type is currently applicable. "Y" means the code can be used. "N" means the code is not available and will not show up in drop-down lists.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

Other Permit Description

Table: LU_OTHER_PERMIT

Data Element Name:	Other Permit Description
Description:	English description of the permit type code.
Format:	VARCHAR2(50)
Allowed Values:	N/A

Help Notes

Table: LU_OTHER_PERMIT

Data Element Name:	Help Notes
Description:	Additional information regarding the permit type.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

Nationally Defined Values for Other Permit Type

Other Permit Type	Other Permit Description
A	Inter-State Regional program
B	Single wells (FURS)
C	County program
D	DOE Program
E	Other EPA Program
F	EPA 404 (Dredge or Fill Program)
G	USGS Program
H	Area Wells (FURS)
J	NOTIS
K	Superfund (CERCLIS)
L	FATES
M	Municipal (city, town, etc.) program
N	NPDES (Discharges to surface waters, National Pollutant Discharge Elimination System, Clean Water Act)
P	PSD (Prevention of Significant Deterioration, Clean Air Act)
Q	CDS
R	RCRA (Hazardous waste)
S	State program
T	DOT Program
U	UIC (Underground Injection Control, Safe Drinking Water Act)
W	Intra-State Regional program
X	Other federal program
Y	CICIS (OTS Chemicals in Commerce Information System)
Z	Other non-federal program

LU_STATE_ACTIVITY

File Name: LU_STATE_ACTIVITY.DAT

Primary Key for LU_STATE_ACTIVITY:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	State Activity Type	Alphanumeric	5

Data Elements for LU_STATE_ACTIVITY:

No.	Pos.	Data Element Name	Type	Size
3	8	State Activity Type Usage	Alphanumeric	1
4	9	State Activity Type Active Status	Alphanumeric	1
5	10	State Activity Description	Alphanumeric	100
6	110	Help Notes	Alphanumeric	100

Owner

Table: LU_STATE_ACTIVITY

Data Element Name:	Owner
Description:	Indicates the agency that defines the state activity type.
Format:	CHAR(2)
Allowed Values:	HQ, US, State Code, or Region Code

State Activity Type

Table: LU_STATE_ACTIVITY

Data Element Name:	State Activity Type
Description:	Code indicating the type of state activity.
Format:	VARCHAR2(5)
Allowed Values:	N/A

State Activity Type Usage

Table: LU_STATE_ACTIVITY

Data Element Name: State Activity Type Usage

Description: Defines the intended use of the state activity type, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

State Activity Type Active Status

Table: LU_STATE_ACTIVITY

Data Element Name:	State Activity Type Active Status
Description:	Indicates if the state activity type value is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

State Activity Description

Table: LU_STATE_ACTIVITY

Data Element Name:	State Activity Description
Description:	English description of the state activity code.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

Help Notes

Table: LU_STATE_ACTIVITY

Data Element Name:	Help Notes
Description:	Additional information regarding the state activity type.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

LU_UNIVERSAL_WASTE

File Name: LU_UNIVERSAL_WASTE.DAT

Primary Key for LU_UNIVERSAL_WASTE:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Universal Waste Type	Alphanumeric	1

Data Elements for LU_UNIVERSAL_WASTE:

No.	Pos.	Data Element Name	Type	Size
3	4	Universal Waste Type Usage	Alphanumeric	1
4	5	Universal Waste Type Active Status	Alphanumeric	1
5	6	Universal Waste Description	Alphanumeric	80
6	86	Help Notes	Alphanumeric	100

Owner

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Owner
Description:	Indicates the agency that defines the universal waste type.
Format:	CHAR(2)
Allowed Values:	US Nationally defined

Universal Waste Type

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Universal Waste Type
Description:	Code indicating the type of universal waste.
Format:	CHAR(1)
Allowed Values:	See Nationally Defined Values below.

Universal Waste Type Usage

Table: LU_UNIVERSAL_WASTE

Data Element Name: Universal Waste Type Usage

Description: Defines the intended use of the universal waste type, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Universal Waste Type Active Status

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Universal Waste Type Active Status
Description:	Indicates if the universal waste type value is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

Universal Waste Description

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Universal Waste Description
Description:	English description of the universal waste code.
Format:	VARCHAR2(80)
Allowed Values:	N/A

Help Notes

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Help Notes
Description:	Additional information regarding the universal waste type.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

Nationally Defined Values for Universal Waste Type

Universal Waste Type	Universal Waste Description
B	Batteries
T	Thermostats
L	
P	

LU_WASTE_CODE

File Name: LU_WASTE_CODE.DAT

Primary Key for LU_WASTE_CODE:

No.	Pos.	Data Element Name	Type	Size
1	1	Owner	Alphanumeric	2
2	3	Hazardous Waste Code	Alphanumeric	6

Data Elements for LU_WASTE_CODE:

No.	Pos.	Data Element Name	Type	Size
3	9	Hazardous Waste Code Type	Alphanumeric	1
4	10	Hazardous Waste Code Description	Alphanumeric	100
5	110	Hazardous Waste Code Usage	Alphanumeric	1
6	111	Hazardous Waste Code Active Status	Alphanumeric	1
7	112	Help Notes	Alphanumeric	100
8	212	Biennial Report Load Active Status	Alphanumeric	1

Owner

Table: LU_WASTE_CODE

Data Element Name:	Owner
Description:	Indicates the agency that owns the data record.
Format:	CHAR(2)
Allowed Values:	HQ Nationally required 01 - 10 Regions State postal code

Hazardous Waste Code

Table: LU_WASTE_CODE

Data Element Name:	Hazardous Waste Code
Description:	State or Federal codes corresponding to the hazardous waste generated by a site as reported on the site notification form. These codes are listed in 40 CFR Part 261, Subparts C and D or are assigned by States for wastes that are either: 1) Regulated and defined as hazardous by the State but are not regulated as RCRA hazardous waste, or 2) State equivalent waste codes for RCRA regulated hazardous wastes.
Format:	VARCHAR2(6)
Allowed Values:	See Nationally Defined Values below.

Hazardous Waste Code Type

Table: LU_WASTE_CODE

Data Element Name: Hazardous Waste Code Type

Description: Type of waste code, based on the first character of the code for Headquarters codes.

Format: CHAR(1)

Allowed Values:

Code	Description
D	Characteristics of Hazardous Waste
F	Hazardous Waste from Nonspecific Sources
K	Hazardous Waste from Specific Sources
P	Discarded Commercial Chemical Products, Off-Specification Species, Container Residuals, and Spill Residues Thereof - Acute Hazardous Wastes
U	Discarded Commercial Chemical Products, Off-Specification Species, Container Residuals, and Spill Residues Thereof - Toxic Wastes
X	Implementer defined

Hazardous Waste Code Description

Table: LU_WASTE_CODE

Data Element Name: Hazardous Waste Code Description

Description: English description of the hazardous waste code.

Format: VARCHAR2(100)

Allowed Values: N/A

Comments: Due to Oracle limitations, only the first 100 characters have been extracted.

Hazardous Waste Code Usage

Table: LU_WASTE_CODE

Data Element Name: Hazardous Waste Code Usage

Description: Defines the intended use of the waste code, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Hazardous Waste Code Active Status

Table: LU_WASTE_CODE

Data Element Name:	Hazardous Waste Code Active Status
Description:	Indicates if the waste code is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

Help Notes

Table: LU_WASTE_CODE

Data Element Name:	Help Notes
Description:	Additional information regarding the waste code.
Format:	VARCHAR2(100)
Allowed Values:	N/A
Comments:	Due to Oracle limitations, only the first 100 characters have been extracted.

Biennial Report Load Active Status

Table: LU_WASTE_CODE

Data Element Name:	Biennial Report Load Active Status
Description:	Indicates if the waste code is currently available for the Biennial Report Load.
Format:	CHAR(1)
Allowed Values:	Y Yes N No

Nationally Defined Values for EPA Hazardous Waste Code

Waste Code Categories:

- Characteristics of Hazardous Waste
- Hazardous Waste from Nonspecific Sources
- Hazardous Waste from Specific Sources
- Discarded Commercial Chemical Products, Off-Specification Species, Container Residuals, and Spill Residues Thereof
    - Acute Hazardous Waste
    - Toxic Wastes

CHARACTERISTICS OF HAZARDOUS WASTE *(SEE 40 CFR 261.24)*

Code	Description
D001	Ignitable waste
D002	Corrosive waste
D003	Reactive waste
D004	Arsenic
D005	Barium
D006	Cadmium
D007	Chromium
D008	Lead
D009	Mercury
D010	Selenium
D011	Silver
D012	Endrin
D013	Lindane
D014	Methoxychlor
D015	Toxaphene
D016	2,4-D
D017	2,4,5-TP Silvex
D018	Benzene
D019	Carbon tetrachloride

D020	Chlordane
D021	Chlorobenzene
D022	Chloroform
D023	o-Cresol
D024	m-Cresol
D025	p-Cresol
D026	Cresol
D027	1,4-Dichlorobenzene
D028	1,2-Dichloroethane
D029	1,1-Dichloroethylene
D030	2,4-Dinitrotoluene
D031	Heptachlor (and its epoxide)
D032	Hexachlorobenzene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl ethyl ketone
D036	Nitrobenzene
D037	Pentachlorophenol
D038	Pyridine
D039	Tetrachloroethylene
D040	Trichlorethylene
D041	2,4,5-Trichlorophenol
D042	2,4,6-Trichlorophenol
D043	Vinyl chloride

HAZARDOUS WASTE FROM NONSPECIFIC SOURCES *(SEE 40 CFR 261.31)*

Code	Description
F001	The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichlorethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F002	The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F003	The following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F004	The following spent nonhalogenated solvents: cresols, cresylic acid, and nitrobenzene; and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F005	The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F006	Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
F007	Spent cyanide plating bath solutions from electroplating operations.
F008	Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.
F009	Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.

F010	Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
F011	Spent cyanide solutions from slat bath pot cleaning from metal heat treating operations.
F012	Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F024	Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31. or 261.32.)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with

	EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027.
F032	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 [i.e., the newly promulgated equipment cleaning or replacement standards], and where the generator does not resume or initiate use of chlorophenolic formulations). (This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
F034	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F035	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and storm water units receiving dry weather flow, sludges generated in storm water units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under Section 261.4(a)(12)(i), if those residuals are to be disposed of.
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.
F039	Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code[s]: F020, F021, F022, F023, F026, F027, and/or F028.)

HAZARDOUS WASTE FROM SPECIFIC SOURCES *(SEE 40 CFR 261.32)*

Code	Description
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K009	Distillation bottoms from the production of acetaldehyde from ethylene.
K010	Distillation side cuts from the production of acetaldehyde from ethylene.
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.
K021	Aqueous spent antimony catalyst waste from fluoromethane production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.

K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
K026	Stripping still tails from the production of methyl ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
K031	By-product salts generated in the production of MSMA and cacodylic acid.
K032	Wastewater treatment sludge from the production of chlordane.
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.
K035	Wastewater treatment sludges generated in the production of creosote.
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.
K037	Wastewater treatment sludges from the production of disulfoton.
K038	Wastewater from the washing and stripping of phorate production.
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.
K040	Wastewater treatment sludge from the production of phorate.
K041	Wastewater treatment sludge from the production of toxaphene.
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.
K043	2,6-dichlorophenol waste from the production of 2,4-D.
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.
K045	Spent carbon from the treatment of wastewater containing explosives.

K046	Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.
K071	Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
K083	Distillation bottoms from aniline production.
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.
K087	Decanter tank tar sludge from coking operations.

K088	Spent potliners from primary aluminum reduction.
K090	Emission control dust or sludge from ferrochromiumsilicon production.
K091	Emission control dust or sludge from ferrochromium production.
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewaters generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K109	Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.

K111	Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113	Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K114	Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K115	Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118	Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.
K124	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
K126	Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K140	Floor sweepings, off-specification product, and spent filter media from the production of 2,4,6-tribromophenol.
K141	Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
K142	Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.

K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage residues from coal tar refining.
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This waste does not include still bottoms from the distillation of benzoyl chloride.)
K150	Organic residuals excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K151	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K156	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decamtates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.)
K157	Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.)
K158	Bag house and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.)
K159	Organics from the treatment of thiocarbamate wastes.
K161	Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126.)
K169	Crude oil tank sediment from petroleum refining operations.
K170	Clarified slurry oil tank sediment from petroleum refining operations.
K171	Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)

K172	Spent hydrorefining catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)
K174	Wastewater treatment sludges from the production of ethylene dichloride or vinyl chloride monomer (including sludges that result from commingled ethylene dichloride or vinyl chloride monomer wastewater and other wastewater), unless the sludges meet the following conditions: (i) they are disposed of in a subtitle C or non-hazardous landfill licensed or permitted by the state or federal government; (ii) they are not otherwise placed on the land prior to final disposal; and (iii) the generator maintains documentation demonstrating that the waste was either disposed of in an on-site landfill or consigned to a transporter or disposal facility that provided a written commitment to dispose of the waste in an off-site landfill. Respondents in any action brought to enforce the requirements of subtitle C must, upon a showing by the government that the respondent managed wastewater treatment sludges from the production of vinyl chloride monomer or ethylene dichloride, demonstrate that they meet the terms of the exclusion set forth above. In doing so, they must provide appropriate documentation (e.g., contracts between the generator and the landfill owner/ operator, invoices documenting delivery of waste to landfill, etc.) that the terms of the exclusion were met.*
K175	Wastewater treatment sludges from the production of vinyl chloride monomer using mercuric chloride catalyst in an acetylene-based process.*
K176	Baghouse filters from the production of antimony oxide, including filters from the production of intermediates (e.g., antimony metal or crude antimony oxide).**
K177	Slag from the production of antimony oxide that is speculatively accumulated or disposed, including slag from the production of intermediates (e.g., antimony metal or crude antimony oxide).**
K178	Solids from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride-ilmenite process.**

*Hazardous waste codes K174 and K175 should be used only to refer to wastes generated beginning November 2000.

**Hazardous waste codes K176, K177, and K178 should be used only to refer to wastes generated beginning October 31, 2001.

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF - ACUTE HAZARDOUS WASTE *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*

Code	Description
P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P001	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	1-Acetyl-2-thiourea
P002	Acetamide, N-(aminothioxomethyl)-
P003	2-Propenal
P003	Acrolein
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-
P004	Aldrin
P005	2-Propen-1-ol
P005	Allyl alcohol
P006	Aluminum phosphide (R,T)
P007	3(2H)-Isoxazolone, 5-(aminomethyl)-
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P008	4-Pyridinamine
P009	Ammonium picrate (R)
P009	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P010	Arsenic acid H_3AsO_4
P011	Arsenic oxide As_2O_5
P011	Arsenic pentoxide
P012	Arsenic oxide As_2O_3
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P014	Thiophenol
P015	Beryllium powder

P016	Dichloromethyl ether
P016	Methane, oxybis[chloro-
P017	2-Propanone, 1-bromo-
P017	Bromoacetone
P018	Brucine
P018	Strychnidin-10-one, 2,3-dimethoxy-
P020	Dinoseb
P020	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P021	Calcium cyanide
P021	Calcium cyanide $Ca(CN)_2$
P022	Carbon disulfide
P023	Acetaldehyde, chloro-
P023	Chloroacetaldehyde
P024	Benzenamine, 4-chloro-
P024	p-Chloraniline
P026	1-(o-Chlorophenyl)thiourea
P026	Thiourea, (2-chlorophenyl)-
P027	3-Chloropropionitrile
P027	Propanenitrile, 3-chloro-
P028	Benzene, (chloromethyl)-
P028	Benzyl chloride
P029	Copper cyanide
P029	Copper cyanide Cu(CN)
P030	Cyanides (soluble cyanide salts), not otherwise specified
P031	Cyanogen
P031	Ethanedinitrile
P033	Cyanogen chloride
P033	Cyanogen chloride (CN)Cl
P034	2-Cyclohexyl-4,6-dinitrophenol
P034	Phenol, 2-cyclohexyl-4,6-dinitro-
P036	Arsonous dichloride, phenyl-
P036	Dichlorophenylarsine
P037	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-

P037	Dieldrin
P038	Arsine, diethyl-
P038	Diethylarsine
P039	Disulfoton
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P041	Diethyl-p-nitrophenyl phosphate
P041	Phosphoric acid, diethyl 4-nitrophenyl ester
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P042	Epinephrine
P043	Diisopropylfluorophosphate (DFP)
P043	Phosphorofluoridic acid, bis(1-methylethyl) ester
P044	Dimethoate
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P045	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino)carbonyl] oxime
P045	Thiofanox
P046	alpha,alpha-Dimethylphenethylamine
P046	Benzeneethanamine, alpha, alpha-dimethyl-
P047	4,6-Dinitro-o-cresol, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts
P048	2,4-Dinitrophenol
P048	Phenol, 2,4-dinitro-
P049	Dithiobiuret
P049	Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$
P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
P050	Endosulfan
P051	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites
P051	Endrin
P051	Endrin, & metabolites
P054	Aziridine
P054	Ethyleneimine

P056	Fluorine
P057	Acetamide, 2-fluoro-
P057	Fluoroacetamide
P058	Acetic acid, fluoro-, sodium salt
P058	Fluoroacetic acid, sodium salt
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
P059	Heptachlor
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-
P060	Isodrin
P062	Hexaethyl tetraphosphate
P062	Tetraphosphoric acid, hexaethyl ester
P063	Hydrocyanic acid
P063	Hydrogen cyanide
P064	Methane, isocyanato-
P064	Methyl isocyanate
P065	Fulminic acid, mercury(2+) salt (R,T)
P065	Mercury fulminate (R,T)
P066	Ethanimidothioic acid, N-[[(methylamino)carbonyl]oxy]-, methyl ester
P066	Methomyl
P067	1,2-Propylenimine
P067	Aziridine, 2-methyl-
P068	Hydrazine, methyl-
P068	Methyl hydrazine
P069	2-Methyllactonitrile
P069	Propanenitrile, 2-hydroxy-2-methyl-
P070	Aldicarb
P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P071	Methyl parathion
P071	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P072	alpha-Naphthylthiourea
P072	Thiourea, 1-naphthalenyl-
P073	Nickel carbonyl
P073	Nickel carbonyl $Ni(CO)_4$, (T-4)-

P074	Nickel cyanide
P074	Nickel cyanide $Ni(CN)_2$
P075	Nicotine, & salts
P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts
P076	Nitric oxide
P076	Nitrogen oxide NO
P077	Benzenamine, 4-nitro-
P077	p-Nitroaniline
P078	Nitrogen dioxide
P078	Nitrogen oxide NO_2
P081	1,2,3-Propanetriol, trinitrate (R)
P081	Nitroglycerine (R)
P082	Methanimine, N-methyl-N-nitroso-
P082	N-Nitrosodimethylamine
P084	N-Nitrosomethylvinylamine
P084	Vinylamine, N-methyl-N-nitroso-
P085	Diphosphoramide, octamethyl-
P085	Octamethylpyrophosphoramide
P087	Osmium oxide OsO_4, (T-4)-
P087	Osmium tetroxide
P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P088	Endothall
P089	Parathion
P089	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
P092	Mercury, (acetato-O)phenyl-
P092	Phenylmercury acetate
P093	Phenylthiourea
P093	Thiourea, phenyl-
P094	Phorate
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P095	Carbonic dichloride
P095	Phosgene
P096	Hydrogen phosphide
P096	Phosphine

P097	Famphur
P097	Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester
P098	Potassium cyanide
P098	Potassium cyanide K(CN)
P099	Argentate (1-), bis(cyano-C)-, potassium
P099	Potassium silver cyanide
P101	Ethyl cyanide
P101	Propanenitrile
P102	2-Propyn-1-ol
P102	Propargyl alcohol
P103	Selenourea
P104	Silver cyanide
P104	Silver cyanide Ag(CN)
P105	Sodium azide
P106	Sodium cyanide
P106	Sodium cyanide Na(CN)
P108	Strychnidin-10-one, & salts
P108	Strychnine, & salts
P109	Tetraethyldithiopyrophosphate
P109	Thiodiphosphoric acid, tetraethyl ester
P110	Plumbane, tetraethyl-
P110	Tetraethyl lead
P111	Diphosphoric acid, tetraethyl ester
P111	Tetraethyl pyrophosphate
P112	Methane, tetranitro- (R)
P112	Tetranitromethane (R)
P113	Thallic oxide
P113	Thallium oxide Tl_2O_3
P114	Selenious acid, dithallium (1+) salt
P114	Thallium(I) selenite
P115	Sulfuric acid, dithallium (1+) salt
P115	Thallium(I) sulfate
P116	Hydrazinecarbothioamide
P116	Thiosemicarbazide

P118	Methanethiol, trichloro-
P118	Trichloromethanethiol
P119	Ammonium vanadate
P119	Vanadic acid, ammonium salt
P120	Vanadium oxide V_2O_5
P120	Vanadium pentoxide
P121	Zinc cyanide
P121	Zinc cyanide $Zn(CN)_2$
P122	Zinc phosphide Zn_3P_2, when present at concentrations greater than 10% (R,T)
P123	Toxaphene
P127	7-Benzofuranol, 2-3dihydro-2,2-dimethyl-, methylcarbamate
P127	Carbofuran.
P127	7-Benzufuranol, 2, 3-dihydro-2, 2 dimethyl-, methylcarbamate
P128	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
P128	Mexacarbate
P185	1,3-Dithiolane-2carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime.
P188	Physostigmine salicylate
P189	Carbosulfan
P189	Carbamic acid, [(dibutylamino)-thio]methyl-,2,3-dihydro-2,2dimethyl-7benzofuranylester.
P190	Metolcarb.
P191	Dimetilan
P191	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester.
P192	Isolan
P192	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H-pyrazo-5-yl ester.
P194	Ethanimidothioc acid, 2-(dimethylamino)-N-[((methylamino) carbonyl)oxy)-2-oxo-, methyl ester
P194	Oxamyl
P196	Manganese, bis(dimethylcarbamodithioato-S,S')
P196	Manganese dimethyldithiocarbamate
P197	Formparanate
P197	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4[[(methylamino)carbonyl)oxy] phenyl]
P198	Methanimidamide, N,N-dimethyl-N'-[3-[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride

P198	Formetanate hydrochloride
P199	Methiocarb.
P199	Phenol, (3,5-dimethyl-4(methlthio)-, methylcarbamate
P201	Promecarb
P201	Phenol, 3-methyl-5-(1-methylethyl)-,methyl carbamate
P202	Phenol, 3-(1 methylethyl)-, methyl carbamate
P202	3-Isopropylphenyl N-methylcarbamate
P202	m-Cumenyl methylcarbamate
P203	Aldicarb sulfone.
P203	Propanal, 2-methyl-2-(methyl-sulfonyl)-,O-[(methylamino)carbonyl]oxime
P204	Physostigmine
P204	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethylmethylcarbamate (ester), (3aS-cis)-
P205	Ziram

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF - TOXIC WASTES *(SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)*

Code	Description
See F027	2,3,4,6-Tetrachlorophenol 2,4,5-T 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol Acetic acid, (2,4,5-trichlorophenoxy)- Pentachlorophenol Phenol, 2,3,4,6-tetrachloro- Phenol, 2,4,5-trichloro- Phenol, 2,4,6-trichloro- Phenol, pentachloro- Propanoic acid, 2-(2,4,5-trichlorophenoxy)- Silvex (2,4,5-TP)
U001	Acetaldehyde (I)
U001	Ethanal (I)
U002	2-Propanone (I)
U002	Acetone (I)
U003	Acetonitrile (I,T)
U004	Acetophenone
U004	Ethanone, 1-phenyl-
U005	2-Acetylaminofluorene
U005	Acetamide, N-9H-fluoren-2-yl
U006	Acetyl chloride (C,R,T)
U007	2-Propenamide
U007	Acrylamide
U008	2-Propenoic acid (I)
U008	Acrylic acid (I)
U009	2-Propenenitrile
U009	Acrylonitrile
U010	Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy] methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-
U010	Mitomycin C

U011	1H-1,2,4-Triazol-3-amine
U011	Amitrole
U012	Aniline (I,T)
U012	Benzenamine (I,T)
U014	Auramine
U014	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
U015	Azaserine
U015	L-Serine, diazoacetate (ester)
U016	Benz[c]acridine
U017	Benzal chloride
U017	Benzene, (dichloromethyl)-
U018	Benz[a]anthracene
U019	Benzene (I,T)
U020	Benzenesulfonic acid chloride (C,R)
U020	Benzenesulfonyl chloride (C,R)
U021	[1,1'-Biphenyl]-4,4'-diamine
U021	Benzidine
U022	Benzo[a]pyrene
U023	Benzene, (trichloromethyl)-
U023	Benzotrichloride (C,R,T)
U024	Dichloromethoxy ethane
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U025	Dichloroethyl ether
U025	Ethane, 1,1'-oxybis[2-chloro-
U026	Chlornaphazin
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U027	Dichloroisopropyl ether
U027	Propane, 2,2'-oxybis[2-chloro-
U028	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U028	Diethylhexyl phthalate
U029	Methane, bromo-
U029	Methyl bromide
U030	4-Bromophenyl phenyl ether
U030	Benzene, 1-bromo-4-phenoxy-

U031	1-Butanol (I)
U031	n-Butyl alcohol (I)
U032	Calcium chromate
U032	Chromic acid H_2CrO_4, calcium salt
U033	Carbon oxyfluoride (R,T)
U033	Carbonic difluoride
U034	Acetaldehyde, trichloro-
U034	Chloral
U035	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U035	Chlorambucil
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U036	Chlordane, alpha & gamma isomers
U037	Benzene, chloro-
U037	Chlorobenzene
U038	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
U038	Chlorobenzilate
U039	p-Chloro-m-cresol
U039	Phenol, 4-chloro-3-methyl-
U041	Epichlorohydrin
U041	Oxirane, (chloromethyl)-
U042	2-Chloroethyl vinyl ether
U042	Ethene, (2-chloroethoxy)-
U043	Ethene, chloro-
U043	Vinyl chloride
U044	Chloroform
U044	Methane, trichloro-
U045	Methane, chloro- (I,T)
U045	Methyl chloride (I,T)
U046	Chloromethyl methyl ether
U046	Methane, chloromethoxy-
U047	beta-Chloronaphthalene
U047	Naphthalene, 2-chloro-
U048	o-Chlorophenol
U048	Phenol, 2-chloro-

U049	4-Chloro-o-toluidine, hydrochloride
U049	Benzenamine, 4-chloro-2-methyl-, hydrochloride
U050	Chrysene
U051	Creosote
U052	Cresol (Cresylic acid)
U052	Phenol, methyl-
U053	2-Butenal
U053	Crotonaldehyde
U055	Benzene, (1-methylethyl)- (I)
U055	Cumene (I)
U056	Benzene, hexahydro- (I)
U056	Cyclohexane (I)
U057	Cyclohexanone (I)
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U058	Cyclophosphamide
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U059	Daunomycin
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U060	DDD
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U061	DDT
U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U062	Diallate
U063	Dibenz[a,h]anthracene
U064	Benzo[rst]pentaphene
U064	Dibenzo[a,i]pyrene
U066	1,2-Dibromo-3-chloropropane
U066	Propane, 1,2-dibromo-3-chloro-
U067	Ethane, 1,2-dibromo-
U067	Ethylene dibromide
U068	Methane, dibromo-
U068	Methylene bromide
U069	1,2-Benzenedicarboxylic acid, dibutyl ester

U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U070	o-Dichlorobenzene
U071	Benzene, 1,3-dichloro-
U071	m-Dichlorobenzene
U072	Benzene, 1,4-dichloro-
U072	p-Dichlorobenzene
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U073	3,3'-Dichlorobenzidine
U074	1,4-Dichloro-2-butene (I,T)
U074	2-Butene, 1,4-dichloro- (I,T)
U075	Dichlorodifluoromethane
U075	Methane, dichlorodifluoro-
U076	Ethane, 1,1-dichloro-
U076	Ethylidene dichloride
U077	Ethane, 1,2-dichloro-
U077	Ethylene dichloride
U078	1,1-Dichloroethylene
U078	Ethene, 1,1-dichloro-
U079	1,2-Dichloroethylene
U079	Ethene, 1,2-dichloro-,(E)-
U080	Methane, dichloro-
U080	Methylene chloride
U081	2,4-Dichlorophenol
U081	Phenol, 2,4-dichloro-
U082	2,6-Dichlorophenol
U082	Phenol, 2,6-dichloro-
U083	Propane, 1,2-dichloro-
U083	Propylene dichloride
U084	1,3-Dichloropropene
U084	1-Propene, 1,3-dichloro-
U085	1,2:3,4-Diepoxybutane (I,T)
U085	2,2'-Bioxirane
U086	Hydrazine, 1,2-diethyl-

U086	N,N'-Diethylhydrazine
U087	O,O-Diethyl S-methyl dithiophosphate
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U088	1,2-Benzenedicarboxylic acid, diethyl ester
U088	Diethyl phthalate
U089	Diethylstilbesterol
U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis, (E)-
U090	1,3-Benzodioxole, 5-propyl-
U090	Dihydrosafrole
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine (I)
U092	Methanamine, N-methyl- (I)
U093	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U093	p-Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U094	Benz[a]anthracene, 7,12-dimethyl-
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U095	3,3'-Dimethylbenzidine
U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U096	Hydroperoxide, 1-methyl-1-phenylethyl- (R)
U097	Carbamic chloride, dimethyl-
U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U098	Hydrazine, 1,1-dimethyl-
U099	1,2-Dimethylhydrazine
U099	Hydrazine, 1,2-diphenyl-
U101	2,4-Dimethylphenol
U101	Phenol, 2,4-dimethyl-
U102	1,2-Benzenedicarboxylic acid, dimethyl ester
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U103	Sulfuric acid, dimethyl ester
U105	2,4-Dinitrotoluene

U105	Benzene, 1-methyl-2,4-dinitro-
U106	2,6-Dinitrotoluene
U106	Benzene, 2-methyl-1,3-dinitro-
U107	1,2-Benzenedicarboxylic acid, dioctyl ester
U107	Di-n-octyl phthalate
U108	1,4-Diethyleneoxide
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine
U109	Hydrazine, 1,2-diphenyl-
U110	1-Propanimine, N-propyl-(I)
U110	Dipropylamine (I)
U111	1-Propanamine, N-nitroso-N-propyl-
U111	Di-n-propylnitrosamine
U112	Acetic acid, ethyl ester (I)
U112	Ethyl acetate (I)
U113	2-Propenoic acid, ethyl ester (I)
U113	Ethyl acrylate (I)
U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U114	Ethylenebisdithiocarbamic acid, salts & esters
U115	Ethylene oxide (I,T)
U115	Oxirane (I,T)
U116	2-Imidazolidinethione
U116	Ethylenethiourea
U117	Ethane, 1,1'-oxybis-(I)
U117	Ethyl ether (I)
U118	2-Propenoic acid, 2-methyl-, ethyl ester
U118	Ethyl methacrylate
U119	Ethyl methanesulfonate
U119	Methanesulfonic acid, ethyl ester
U120	Fluoranthene
U121	Methane, trichlorofluoro-
U121	Trichloromonofluoromethane
U122	Formaldehyde
U123	Formic acid (C,T)

U124	Furan (I)
U124	Furfuran (I)
U125	2-Furancarboxaldehyde (I)
U125	Furfural (I)
U126	Glycidylaldehyde
U126	Oxiranecarboxyaldehyde
U127	Benzene, hexachloro-
U127	Hexachlorobenzene
U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U128	Hexachlorobutadiene
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
U129	Lindane
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U130	Hexachlorocyclopentadiene
U131	Ethane, hexachloro-
U131	Hexachloroethane
U132	Hexachlorophene
U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U133	Hydrazine (R,T)
U134	Hydrofluoric acid (C,T)
U134	Hydrogen fluoride (C,T)
U135	Hydrogen sulfide
U135	Hydrogen sulfide H_2S
U136	Arsinic acid, dimethyl-
U136	Cacodylic acid
U137	Indeno[1,2,3-cd]pyrene
U138	Methane, iodo-
U138	Methyl iodide
U140	1-Propanol, 2-methyl- (I,T)
U140	Isobutyl alcohol (I,T)
U141	1,3-Benzodioxole, 5-(1-propenyl)-
U141	Isosafrole
U142	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-

U142	Kepone
U143	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]-
U143	Lasiocarpine
U144	Acetic acid, lead(2+) salt
U144	Lead acetate
U145	Lead phosphate
U145	Phosphoric acid, lead(2+) salt (2:3)
U146	Lead subacetate
U146	Lead, bis(acetato-O)tetrahydroxytri-
U147	2,5-Furandione
U147	Maleic anhydride
U148	3,6-Pyridazinedione, 1,2-dihydro-
U148	Maleic hydrazide
U149	Malononitrile
U149	Propanedinitrile
U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U150	Melphalan
U151	Mercury
U152	2-Propenenitrile, 2-methyl- (I,T)
U152	Methacrylonitrile (I,T)
U153	Methanethiol (I,T)
U153	Thiomethanol (I,T)
U154	Methanol (I)
U154	Methyl alcohol (I)
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U155	Methapyrilene
U156	Carbonochloridic acid, methyl ester, (I,T)
U156	Methyl chlorocarbonate (I,T)
U157	3-Methylcholanthrene
U157	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U158	4,4'-Methylenebis(2-chloroaniline)
U158	Benzenamine, 4,4'-methylenebis[2-chloro-

U159	2-Butanone (I,T)
U159	Methyl ethyl ketone (MEK) (I,T)
U160	2-Butanone, peroxide (R,T)
U160	Methyl ethyl ketone peroxide (R,T)
U161	4-Methyl-2-pentanone (I)
U161	Methyl isobutyl ketone (I)
U161	Pentanol, 4-methyl-
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N-nitroso-
U163	MNNG
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U164	Methylthiouracil
U165	Naphthalene
U166	1,4-Naphthalenedione
U166	1,4-Naphthoquinone
U167	1-Napthalenamine
U167	alpha-Naphthylamine
U168	2-Napthalenamine
U168	beta-Naphthylamine
U169	Benzene, nitro-
U169	Nitrobenzene (I,T)
U170	p-Nitrophenol (I,T)
U170	Phenol, 4-nitro-
U171	2-Nitropropane (I,T)
U171	Propane, 2-nitro- (I,T)
U172	1-Butanamine, N-butyl-N-nitroso-
U172	N-Nitrosodi-n-butylamine
U173	Ethanol, 2,2'-(nitrosoimino)bis-
U173	N-Nitrosodiethanolamine
U174	Ethanamine, N-ethyl-N-nitroso-
U174	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U176	Urea, N-ethyl-N-nitroso-

U177	N-Nitroso-N-methylurea
U177	Urea, N-methyl-N-nitroso-
U178	Carbamic acid, methylnitroso-, ethyl ester
U178	N-Nitroso-N-methylurethane
U179	N-Nitrosopiperidine
U179	Piperidine, 1-nitroso-
U180	N-Nitrosopyrrolidine
U180	Pyrrolidine, 1-nitroso-
U181	5-Nitro-o-toluidine
U181	Benzenamine, 2-methyl-5-nitro
U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U182	Paraldehyde
U183	Benzene, pentachloro-
U183	Pentachlorobenzene
U184	Ethane, pentachloro-
U184	Pentachloroethane
U185	Benzene, pentachloronitro-
U185	Pentachloronitrobenzene (PCNB)
U186	1,3-Pentadiene (I)
U186	1-Methylbutadiene (I)
U187	Acetamide, N-(4-ethoxyphenyl)-
U187	Phenacetin
U188	Phenol
U189	Phosphorus sulfide (R)
U189	Sulfur phosphide (R)
U190	1,3-Isobenzofurandione
U190	Phthalic anhydride
U191	2-Picoline
U191	Pyridine, 2-methyl-
U192	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U192	Pronamide
U193	1,2-Oxathiolane, 2,2-dioxide
U193	1,3-Propane sultone
U194	1-Propanamine (I,T)

U194	n-Propylamine (I,T)
U196	Pyridine
U197	2,5-Cyclohexadiene-1,4-dione
U197	p-Benzoquinone
U200	Reserpine
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
U201	1,3-Benzenediol
U201	Resorcinol
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U202	Saccharin, & salts
U203	1,3-Benzodioxole, 5-(2-propenyl)-
U203	Safrole
U204	Selenious acid
U204	Selenium dioxide
U205	Selenium sulfide
U205	Selenium sulfide SeS_2 (R,T)
U206	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-
U206	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D-
U206	Streptozotocin
U207	1,2,4,5-Tetrachlorobenzene
U207	Benzene, 1,2,4,5-tetrachloro-
U208	1,1,1,2-Tetrachloroethane
U208	Ethane, 1,1,1,2-tetrachloro-
U209	1,1,2,2-Tetrachloroethane
U209	Ethane, 1,1,2,2-tetrachloro-
U210	Ethene, tetrachloro-
U210	Tetrachloroethylene
U211	Carbon tetrachloride
U211	Methane, tetrachloro-
U213	Furan, tetrahydro-(I)
U213	Tetrahydrofuran (I)
U214	Acetic acid, thallium(1+) salt
U214	Thallium(I) acetate

U215	Carbonic acid, dithallium(1+) salt
U215	Thallium(I) carbonate
U216	Thallium chloride Tlcl
U216	Thallium(I) chloride
U217	Nitric acid, thallium(1+) salt
U217	Thallium(I) nitrate
U218	Ethanethioamide
U218	Thioacetamide
U219	Thiourea
U220	Benzene, methyl-
U220	Toluene
U221	Benzenediamine, ar-methyl-
U221	Toluenediamine
U222	Benzenamine, 2-methyl-, hydrochloride
U222	o-Toluidine hydrochloride
U223	Benzene, 1,3-diisocyanatomethyl- (R,T)
U223	Toluene diisocyanate (R,T)
U225	Bromoform
U225	Methane, tribromo-
U226	Ethane, 1,1,1-trichloro-
U226	Methyl chloroform
U227	1,1,2-Trichloroethane
U227	Ethane, 1,1,2-trichloro-
U228	Ethene, trichloro-
U228	Trichloroethylene
U234	1,3,5-Trinitrobenzene (R,T)
U234	Benzene, 1,3,5-trinitro-
U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U235	Tris(2,3,-dibromopropyl) phosphate
U236	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U236	Trypan blue
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U237	Uracil mustard

U238	Carbamic acid, ethyl ester
U238	Ethyl carbamate (urethane)
U239	Benzene, dimethyl- (I,T)
U239	Xylene (I)
U240	2,4-D, salts & esters
U240	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters
U240	Dichlorophenoxyacetic acid 2,4-D
U243	1-Propene, 1,1,2,3,3,3-hexachloro-
U243	Hexachloropropene
U244	Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-
U244	Thiram
U246	Cyanogen bromide (CN)Br
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-
U247	Methoxychlor
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less
U248	Warfarin, & salts, when present at concentrations of 0.3% or less
U249	Zinc phosphide Zn_3P_2, when present at concentrations of 10% or less
U271	Benomyl
U278	Bendiocarb
U278	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate
U279	Carbaryl
U279	1-Naphthalenol, methylcarbamate
U280	Barban
U280	Carbamic acid, (30chlorophenol)-, 4-chloro-2-butynyl ester
U328	Benzenamine, 2-methyl-
U328	o-Toluidine
U353	Benzenamine, 4-methyl-
U353	p-Toluidine
U359	Ethanol, 2-ethoxy-
U359	Ethylene glycol monoethyl ether
U364	1,3-Benzodioxol-4ol, 2,2-dimethyl
U364	Bendiocarb phenol
U367	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-

U367	Carbofuran phenol
U372	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester
U372	Carbendazim
U373	Carbamic acid, phenyl-, 1-methylethyl ester
U373	Propham
U387	Carbamothiocic acid, dipropyl-, S-(phenylmethyl) ester
U387	Prosulfocarb
U389	Triallate
U389	Carbamothiocic acid, bis (1-methylethyl)-, S-(2,3,3-trichloro-2propenyl) ester
U394	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo, methyl ester
U394	A2213
U395	Diethylene glycol, dicarbamate
U395	Ethanol, 2, 2;-oxybis-,dicarbamate
U404	Ethanamine, N, N-diethyl-
U404	Triethylamine
U408	2,4,6-Tribromophenol
U409	Thiophanate-methyl
U409	Carbamic acid, (1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester
U410	Ethanimidothioci acid, N, N'- (thiobis[(methylimino)carbonyloxy])bis-, dimethyl ester
U411	Propoxur
U411	Phenol, 2-(-1-methylethoxy)-, methylcarbamate

Flat File Specification Glossary

Actual Date	The completion date of an event.
Allowed Values	Lists valid data values and their descriptions. "N/A" (not applicable) will be indicated for data elements that do not have a list of values.
Comments	Provides additional information on the data element.
Data Element Name	A short English description of the data element.
Data Elements	Column names and descriptions of data elements which are not part of the primary key.
Default Value	Indicates the value given to a data element if the user does not supply a value.
Description	An English description providing the general definition of the element.
Event Code Name	A name which corresponds to a specific event or event type.
Foreign Key	A key field that identifies records in a different table.
Format	Specifies the Oracle format of the data element including field type and length.
Implementer Defined Codes	Indicates implementer defined values for this element are allowed.
Initiating Source	Indicates the source of information for the data element (i.e., Notification Form, Part A Permit Application).
Nationally Required	Indicates whether the data element is necessary for the oversight of the RCRA program. Some computer-generated data elements are also considered nationally required because they are key fields to the RCRAInfo database.

Oracle Column Name	Oracle name which identifies the data element.
Primary Key	Data elements that are used to uniquely identify a row in an Oracle table.
Released	Indicates data that Headquarters may release to the public via Envirofacts, NTIS, RTKNet, FOIAs, Web Report postings, etc...
Responsible Agency	Code indicating the agency responsible for the event.
Schedule Date	The date for which an event is targeted to occur.
Source	Indicates the BRS form/location which was the source of the information.
Sources of Update	Indicates the source of information to update the data element (i.e., EPA/State Inspection, Permit Modification)
System Required	Indicates whether the element is necessary for data integrity and for proper functioning of RCRAInfo. Some system-required data elements are computer generated, but many must be provided by the user. The user cannot continue until all system required elements are complete.